

7 of 10

					AA740828, AA054507, AA481199, AI569223, BE858405, AA814187, R39748, BF513375, BF028590, BE856745, AA164409, AW900549, BE365650, AW169232, AA115066, AI808045, AI990010, AI951348, AA504621, R76739, BF961893, AA164487, BF033353, AA457403, BE548583, AW080568, H96862, AA169281, AI219805, AA811266, AI222468, AI672331, BE565131, AA287650, W67151, AI680571, H03576, AA328319, AA115461, AA362001, AA054370, AW613600, AI619506, R76400, AI978796, AW771812, AK001522, AL049970, AX014818, AF081567, AX015051, and AC004073.
HISCL61	190	741659	1 - 470	15 - 484	BF981512, BF796581, BE085286, BF332149, AA931819, AA973582, AA429312, AW973153, AA536132, BF768310, AF103939, AL096717, AC011480, and AK026616.
HAGDA61	191	741921	1 - 479	15 - 493	N28519, AL527398, W20154, AW835447, and BF357837.
HFTIO11	192	742518	1 - 1413	15 - 1427	AI806322, BE670799, N39385, AA969265, H12301, AW172368, AI635117, AW080319, AW073584, BE047461, AA071517, BE326673, BE672127, AW663394, N25209, AA934833, D60357, N73795, AW959297, AW591719, D60791, D60969, AA812106, AW074902, AA295000, AI913551, AA082339, ZA5740, R40302, AV707810, AW449764, AW444857, AW297753, AV704312, AI472249, AI351162, H20050, AI268635, AW439652, AI380998, AI400441, AI383449, AA887902, AI028684, AA884559, AA994343, BF222104, AI866171, AI272928, BE350212, AI739164, AA370008, AI245979, AA868556, AI686138, AI478243, AW268613, AW272433, AI826470, AI122571, BE044560, AI290558, AI961527, AI963996, AI638283, AW051659, BF115914, AI823779, AI572734, AW235551, AW300029, AA071493, W81652, AI685265, N57910, AI400267, N99422, AI139467, BF223805, BE672889, BF223097, AW418679, AI969296, AA235834, H81010, AA722836, AA410211, R17911, AV683000, AI806668, AL117332, AL110196, AF220187, and AK025476.
HUSGB32	193	742690	1 - 827	15 - 841	AL520187, AL531563, AU132580, AU130799, BE882122, BE879478, AW160955, BE892389, N77502, T95386, AI272187, AU130009, T18576, AW856046, BF890940, BF891385, BF947987, R02677, AK001628, and AB007952.
HTXED15	194	743383	1 - 429	15 - 443	AA528482, BG258358, AW580060, AW384232, AF231919, AB011111, AP000268, AP000102, AP000033, and AP001713.
HCFMF12	195	743426	1 - 467	15 - 481	AI393223, AW137697, AV693339, BE551063, AI690236, BF972414, BE888288, BF382441, AV759369, BG034953, BE327195, BE895010, AV689381, AL536781, N89398, BE313508, AI159746, BE870346, AA838632, and AC022201.
HSSIG62	196	744278	1 - 690	15 - 704	BE275282, BE794760, BF828003, BF792569, BE363242, BE048058, BE264558, BE889229, BF317326, BG178267, BE383623, BG169600, R84523, BE973549, AW963822, BE048059, W90260, BF238287, BG249725, BG169750, H24191, BE388727, BG254946, BF573589, BE503382, W15480, BE742218, BG169751, AA877146, AI919155, AI553967, AA731875, AI219434, AI418622, BE396041, AI203295,

						AA926893, BE221867, W47042, AW295052, Z20937, AA375718, BE908386, W47041, AW881536, AW881535, Z44525, AA054582, AI651689, AW628222, AK000218, and A74618.
HFIHF63	197	744330	1 - 753	15 - 767		BE515002, AW182823, BG149845, AA010826, W95509, AE378016, AI420515, AI669104, W95412, AW297177, AA782437, AA011202, AI869000, AI702739, AA450119, AA889785, AW838926, AA255554, AZ91551, and AV710402.
HMDAG5 4	198	744453	1 - 1308	15 - 1322		AA885450, AI743800, N56997, AI434796, R54589, AA838013, AA972237, BF529879, BE767116, AA034159, AI339777, N32915, N92879, AA568992, AA837929, AW602025, R39403, AW004682, AI589399, AA971945, H01140, N47381, N42057, BF993812, BE701705, BG011684, AA375505, AW963809, H72112, AA404257, H72214, W25626, BE872782, AA404707, BE698928, BE698972, R12941, AW889999, BF346329, and AB023186.
HCHMI51	199	744616	1 - 596	15 - 610		AW163744, AL518997, BG116858, AW411274, AL519081, BE299314, AL516014, BF206119, BE207665, BE253757, BE893138, BE315068, BE731840, BE273432, AW239225, BE206818, BG026004, AL536767, BE314646, BE793733, BF314320, BE256738, BG250428, BG037134, BE791233, BE870505, BE264445, AL533915, BE796325, AL516728, AL535892, BE794527, BE898620, BE740410, BF689369, BE254767, BE301933, BG116860, BE794941, BF205402, BE383589, BE905181, BE905182, AW160342, BE315054, BE793880, BE407320, BE740904, BE740140, BG026322, AL515122, BE383890, BE293920, BE741879, BE901598, AW249063, AW248313, BE299034, AL533320, AL533414, BE390596, BE390600, AA173214, BE019059, BE205763, BE336828, AA221020, AA082515, BF968775, AW293274, BF382705, AA191088, AA375893, BF037948, AW298594, BG164333, BF038894, AA093111, BF887454, AA580476, BE264102, BF981356, BE907690, BF206149, BE777904, AW247691, BE088651, AX013736, AJ276485, and AC011666.
HAHEA63	200	744726	1 - 517	15 - 531		BE740305, BG008977, BE882802, BE732895, AA513222, BF769244, BE733610, BE900359, BE735361, BE731047, BE900400, BE280702, BE280260, T06970, BE279426, BF761620, BE891122, BE868552, BF811619, BE531137, BE410023, BE884431, BF038337, BE735209, BF035340, BE903339, BF839400, BE391834, BE246266, AP000356, AC009287, and AK025242.
HAIAN63	201	744831	1 - 562	15 - 576		BF211669, AA190358, N32552, AA233943, AW592432, AA453596, BF107263, BF802429, W03366, AA454131, and AL445493.
HSRFP52	202	745408	1 - 1307	15 - 1321		AA789332, AW469963, AI925535, BE669814, AI925543, AV728348, BF732842, BE080915, BE670545, AI685010, AI690167, AA570056, AA470465, AW969303, AW770920, AI634463, T95424, AW003925, T95333, AW080646, BG179881, BF310921, BE617765, AI468303, AA312696, AW268987, AW962841, AA356443, BF690832, AA311608, AA682679, and BE962309.

HCHOH38	203	746390	1 - 890	15 - 904	BF035194, BE747413, BE742498, AW955374, BE278879, BE255037, AL036511, BF346168, BE745997, R35141, T09059, AW675162, R53360, W52313, BE832849, AW881228, D58601, BE613931, BF360548, AA227833, BE904123, AL529226, AW675247, T31282, BE707890, AW674880, BF762613, H08615, Z43881, BF958024, BE175335, BF956636, AB026894, and AL080083.
HMSBS61	204	746583	1 - 1137	15 - 1151	AW962762, AA056485, AA256728, BF676173, AA044899, AA152263, BF724264, AA833748, AA761514, W67990, BG180100, AA533357, R25725, H14406, AV649750, AA370304, R21676, AA749192, BG253897, AW137063, AA332425, AA906615, AA609380, AA707774, AA767523, AL473912, N32366, BE046443, AJ250014, AB020656, AK000187, AK024348, AF161542, AX017216, and AK024212.
HNFHK32	205	746584	1 - 999	15 - 1013	AA044687, AA056651, AI130924, AA150290, AA044899, AA150588, AV649750, AA833748, AA056485, AA152263, AA761514, AA906615, AA767523, AW962762, AA370304, AK000187, AK024212, AJ250014, AK024348, AF161542, AX017216, and AB020656.
HTPCT63	206	747208	1 - 543	15 - 557	BF205650, AW957197, AW954542, AV698342, AV688020, AA491052, T33088, AA287563, AA007576, Z45821, AW996840, BE539893, AW378973, AW378977, BE294195, AW663291, BE081286, AA188797, AW075763, AI907226, AK002065, AK023416, AK022659, AB019602, AB019494, AL137726, and AC008925.
HE8NL29	207	750243	1 - 715	15 - 729	AC011077, AC011077, AC011077, AP002381, AP002381, AP002381, AP001016, AP001016, and AP001016.
HTTFM66	208	750750	1 - 421	15 - 435	AU136930, AU124766, AA147472, BE262742, BF791639, AA490803, AL049745, AK001269, AL354612, and AL354613.
HE9EM20	209	751048	1 - 2794	15 - 2808	AL521540, AL521539, BF724865, AL043617, AW612138, BG026803, AA490652, H49906, BE884132, BF576441, AA211731, AW340639, AI863590, BE960872, BE463538, AA490653, BE071845, AW820883, AA181029, AI858386, BF197532, AI566009, AI953390, W69466, AW316992, AW070487, AI923866, AI935070, N73159, AI566750, AI417872, AI016324, AI090116, W15440, AV725301, AA186420, N20596, AI671349, N39139, AZ65888, BE858974, AA913036, AI358573, AI628972, AI186732, BE790478, AI984363, AA704919, AA917601, W69550, BE934848, W39624, AI650674, BF476672, BE934846, AA894710, AA447125, AA099943, AI984949, R82637, AA693315, H09503, BE763632, H70345, T90178, AA349889, AI752629, H09502, AI471414, BE693723, AA369428, AI537286, BE693716, BE693708, R11238, AW821064, BF884852, BG007300, AA404558, AW131948, BE005812, AW966090, H70346, AL135226, AA367092, BF086478, AA853977, BE071864, D79253, BG015935, AA827603, AA369427, N46549, AA249763, T82987, R82682, BF111281, AW960699, D79320, AW361956, AW821060, R11186, T05974, AA187789, AW176530, BE810842, BE810771, BE005726, and AB018283.

HISCQ44	210	751286	1 - 828	15 - 842	BF683169, AW752992, H50932, AL525434, F12992, BF793997, AU123305, AL525390, BF312571, AK001160, and AK023622.
HTGAU79	211	751677	1 - 1598	15 - 1612	BF969492, AV648389, BF348172, BF979269, BF973457, AA579641, BF683887, BF980517, AV648431, AV757661, BE612779, AW969738, BE777860, AI149891, AI889233, AA659710, AA461487, AI028588, AA460132, AV648314, BF940060, AA113277, AA682750, BE874201, BF510365, AI421205, AI753378, AA985248, AA936668, BE872797, AI914588, AI493749, AA169113, AL449856, AA046575, AA633392, AA722409, AI752615, AA169112, BF514541, AI424537, AI449857, BE545191, AA233726, AW268600, AA516077, BF979800, AA483490, BF060885, BE907645, AW082930, AW815447, AI201331, AA074311, AW609606, AW609594, BE716177, AW601214, AI989665, BE925921, AV658092, T87841, AL449485, AL449487, AL449486, AI087102, AL031055, and AL133520.
HETAJ12	212	751735	1 - 526	15 - 540	AA336727, AI435182, AI811303, AI860491, AI635650, AI149504, AI128359, AL021878, AC007270, AL118502, AP000542, AL109941, AC007204, AC008770, AC011477, AC007386, AL359218, AC006065, AC004985, AL138680, and AX013167.
HDABX16	213	752630	1 - 789	15 - 803	AL530978, BF206968, BF311229, AL518827, BE870189, BE261556, BE312224, BF312384, AL529296, BE621421, BE546607, BF979426, BF733995, BG033996, and AK025822.
HFEBM11	214	753105	1 - 446	15 - 460	BF035651, BG028710, BG110379, AW246245, BG035531, AA496102, W52780, BE560655, AA243109, AW675353, BF678739, AA884239, H85385, AA130095, BE812187, W04939, AV746713, BE617457, BE812189, BE840806, AA523735, BF750755, BE267207, BE770864, BE617905, N49855, AA744680, AK025402, AY007143, and AB012181.
HHGBS74	215	753235	1 - 1645	15 - 1659	AW853219, AW997066, BE243270, AA885705, BE711235, BE711238, BE867296, AA587619, AF114048, R92130, AA631738, AA573593, BE242758, AW629955, BE243140, AW275658, BF088850, BE243090, and AL136418.
HTAAT39	216	753289	1 - 1133	15 - 1147	AA446344, AA612751, AA298785, AA298780, AA298784, AA446524, AA298781, AA381170, AL357565, and AL357565.
HHFO30	217	754184	1 - 305	15 - 319	AA099051, BE545794, AW966127, BF527400, AI834232, H73629, H73153, and AA249658.
HTAFE69	218	754529	1 - 486	15 - 500	AL109806.
HMSCM47	219	756579	1 - 1377	15 - 1391	BG122203, BG033920, BE259004, AL039961, BE275205, BE252695, BE391526, BE387863, AA683395, BE898764, AA159553, BE171959, BF983104, AA070288, AA345663, W39500, AA195153, BE895254, AA247937, AV660024, AI240936, AW972536, C03121, AW238459, AA036806, BE501409, BF026836, BF573216, AA195024, AA576054, AI700985, AI733547, AI668621, AI821455, AI820824, AA433955, AA600978, H39940, H44284, AA581968, AI082471, AW753990, AW451108,

HEITLM70	220	756676	1 - 1126	15 - 1140	BF306826, AA679007, BF000539, A1954678, BE5033335, AA366682, BF352313, BE296500, A1696707, AW409673, BE269312, BF923618, A1203303, BF001790, A1344341, AW2737780, AA505943, H44446, AA724912, BF511836, and AA677790.
HL YEN32	221	756950	1 - 787	15 - 801	BE740087, AW960605, BE304956, BE207572, BE645551, AA425334, BE048918, BE972720, BF748385, H13734, AW751971, AW748813, AA559207, AW362246, AW601591, AW195635, A1908541, BF090860, BF516168, AA335628, BF591120, AA177001, AA160404, BE179770, A1824341, BF002699, AA578987, A1681859, AA991211, BE859016, BF038466, AW751973, W37110, AW611712, AW150693, A1357925, AV724505, BF872555, BF855782, AW173702, BE830375, AW664454, AW102565, BF765954, BF515478, BF090962, and AW001725.
HHFHU45	222	757207	1 - 701	15 - 715	BG117737, BG164386, BF854000, BG165061, AA428942, BE179097, BF194980, A1597929, BF205686, AW014245, AW769144, BE964916, BE620629, BE620090, A1687722, A1521276, BE276332, AV744444, A1559587, BE267602, A1279594, A1346062, AA625675, C75468, BF949795, W25095, A1581157, W44408, BF804338, BF854448, AA252324, H46994, H01257, W93787, BG029616, W57884, AA364849, BE253697, AA442735, BF811696, W31169, AA364527, AA160184, AA252345, AA862309, R08467, N28477, AA931691, H22406, BF965801, A1648609, AA148611, BF808228, AA281164, AA805601, AW959596, AA527501, AA447263, AA368445, N98322, AA482622, BE895802, BE877959, AA303251, BF854612, AA482477, BF805073, BF805234, H46453, AU157783, W26854, AW380284, AU148604, AA160185, BG118533, BF805062, BF809458, W22475, BF808178, BF738651, R08461, BF808229, BF817630, BF808126, W93786, AU148185, BF808227, A1701223, AA026285, AW366545, BF805070, AA299987, AW873163, AW407812, A1862394, BE076248, A1921016, AW881017, AW817812, A1359819, BF872137, AW382316, N46559, A1061452, AA809361, BF810265, AU146664, AA954145, AW382318, AW027703, A1828926, BF854649, A1276202, BE833277, AW800408, BF873756, BE174189, AW602319, BG004412, BG003226, N45470, BF871111, AW168057, BG005855, W44544, H22405, AW935097, BF762066, BF873735, A1434201, BE140726, A1094763, N47595, BF772094, BE925832, AW993021, BF805232, A1424178, AA280864, AW995613, BF763998, W94846, BF805265, NS5950, A1033439, AK027202, AL117430, AK023201, AK023082, and AC010092.
HHFHR59	223	757351	1 - 794	15 - 808	AA043394, BF793925, BF310630, AL521590, BE257614, BF310545, AL526416, AA447023, BE255588, BF036703, BF111265, AW384800, BF206557, A1740580, A1741581, BF095771, AU139117, and AK002164.
					BF967526, BE281639, BF799879, AW630745, W56608, BE247401, BF341516, A1750884, R17248, BE835036, A1765843, AA863109, AA346989, AA378515, BE763539, A1767788, A1336999, AW274450, Z98258, AK025641, and AK025861.

HDPPA45	224	757472	1 - 879	15 - 893	AL525879, BF314970, BF568109, BE513130, BE265505, BE378495, BE262153, BF316733, BF310163, BE273819, BE395987, BE266568, BE392129, AA307936, BE871766, AW651798, AW957845, BE263227, BE251642, AW957921, AA458517, AW630663, BF057258, AW362111, AI971714, AW975900, W23063, BE253991, BE256646, AI825679, N50335, AA910981, BE646636, AI811256, AI831840, BF000491, BG163616, AA994984, AA927184, AI685335, BF962309, AI148734, C00192, AW009759, AI380138, AW613907, AW628080, AW614442, AI559684, AI796492, BF436980, AF190464, and AC019099.
HMAGC74	225	757601	1 - 424	15 - 438	BE856886, AI937631, AI150352, AA813461, BF756717, BE536240, BE261441, AI123413, R72672, BG120533, BE785322, T19147, BE719057, BE262082, AK025479, and AK001167.
HHFFR79	226	759851	1 - 1551	15 - 1565	BF984917, AV651048, AV651055, BF062093, AW604368, AA831712, N49477, AI239505, AU160402, AU152742, BE206405, BF980447, BE545660, BE082703, BG176359, AA194860, AA127127, C17830, AV763218, BE019923, BF131534, AA732408, AW796614, AA999677, AA999662, AA376848, AI935648, AW242518, R23330, BE082918, AI678422, AU132460, AA348897, AA352059, AA767527, AU131664, BF691603, BF965186, BF369188, C05569, C05208, AK023119, AK023261, AK024042, AF198534, AF186095, AF163665, AX003675, AX046355, and AX046356.
HMGBP83	227	759888	1 - 1512	15 - 1526	AV759702, AA311915, AW972047, AA953779, AA521381, BF241426, AW995845, AI806245, AW361598, AI911194, AI580187, AA884217, AI872423, AI859991, AI610362, BG181066, BF725463, AI473536, AI538850, AI866469, AW054964, AI366900, AI802542, AW118518, AI440239, AI923370, AI926790, BF812960, BE786043, AI886181, AI890907, AW148363, AI568138, AW051258, AI611738, AI860003, AW983832, AI241923, BF814527, AI514829, AI570807, AW026882, BG221103, AI632408, AW302973, AW268060, AI635067, AI698391, BF812938, AW983703, BG116926, AW081036, AW983691, AI889189, AI866770, AI119319, AI866820, AW148294, AI619502, AI677796, AI627988, AI648454, AI915291, BF970652, AI433157, AI702073, AA806720, BF812961, AI633125, AI868931, AW152182, AI524671, AI513913, AI514843, AW008353, AI433976, AI288305, AI308035, AW983829, BF795712, BG257535, BE963035, AI521596, AI640704, BG110517, BG260144, AI609409, BF817402, BG029667, AI624293, AI499463, AI559586, AI963846, BF727091, AI554821, AW858243, BG252929, AW151136, AI539771, AI932794, BE897632, AI537677, AI494201, AW051088, AI500659, AI824576, AI815232, AI801325, AI515195, AI500523, BF812438, AI499963, AI70706, BE885490, AI582932, AI923989, AI284517, AI500706, AI491776, AI445237, AI620003, AW151138, AI521560, AI500662, AW172723, AI284509, AI889168, AI440263, AI540719, AI866573, AI633493, AI434256, AI514773, AI270183, AI805769, AI888661, AI284513, AI587606, BG031815, AI888118,

AI613038, BF528717, AI436429, AI889147, AI889376, AI371228, AI921248, AI440252, AI670009, AI047422, AI620089, AI866786, AI696570, AI610557, W74529, AI569975, AI634345, AI887499, AJ471909, AW086113, AA449768, AI635467, AA641818, AW167021, AI670002, AI620284, BF868489, AI564259, AI513977, BF982923, AI591420, AI687127, AI590227, BF792961, AV743631, AI648509, AI352497, AI651840, AW131294, AW073865, AI673363, BF895953, AW198090, AI956080, AI694157, AI636588, AI337261, AI371251, AI515413, AI042551, AW151714, AI432030, AI039086, AI514799, BF338002, AI559296, AW238688, AI536638, AI514887, AI045500, AI889133, AI452560, AI254731, BE784387, AI635016, AI500061, AI537837, AI686817, AI890833, AI514757, BE544111, AI683173, BF987104, BG166490, AW079409, AA788861, AI638798, AI569309, AA225339, AI933589, BE886728, BF727072, BF726237, AW149925, N33175, AW150794, AI659795, AI796743, AW079572, AI445829, BF814453, AI828583, R32821, AI860897, AW166583, BG178669, AV709679, AW161156, AI355827, AI445965, BF965814, AI499890, AI349967, AI514359, AI784252, AW190194, AF233322, AX040974, I89947, AX038854, I48978, AK026408, AF087943, A77033, A77035, AF026816, AF116688, AI353940, AX040958, AI080159, I48979, AI137533, AI389939, Z82022, A08913, AI137550, AI389982, AK026462, AI137480, AI110280, A08916, AX026824, AX026823, A08910, A58524, A58523, AI049382, A08909, AK026744, AF061981, AF113019, AI353956, AI137488, U35846, Y14314, AK024538, AF113677, AI080074, AF183393, AF113691, AI137271, AF130055, AI137478, AI137560, AF225424, AF185576, A08912, AI359941, AI050024, I89931, AI137538, A21103, AR087170, AF111849, AK027164, U96683, AF162270, AI117435, X82434, AI122049, A65341, AI162062, AF056191, AI050366, AI359583, AF262032, AF271350, AF090934, AF119899, AI122050, AK026506, AK025798, AF026124, AK026593, AI080148, A03736, AI137292, AF008439, AF090903, AF116682, AK026534, AF285167, AB052191, AK027096, AI162003, AK025632, AI023657, AF177401, AK026532, U80742, E02221, AF314091, AF139986, AF119875, AI390154, AF116654, A93350, AI133075, AF130077, AX010492, AI117440, AI050138, X72889, AF230496, AF116691, AK000418, AI049938, AK026528, AB048953, AJ299431, AK026959, AF217987, AK025435, AI050149, AI122118, AI133560, AI133072, AF032666, AI122110, AK024992, AK026480, AI133080, AK026642, AI133665, AK025414, AX045627, AK027204, AB048975, AI117460, AI110221, AK026927, AI133077, AK025484, AJ012755, Y07905, AI137476, E07361, AF113689, AI137557, AK025084, I30117, AK027146, AF116646, AF130099, AI050277, AI137463, AK000652, AK024588, S36676, AF067728, AX042059, AJ000937, I33392, AK025339, AB047904, AK026542, AK026885, AK027160, AK025312, AK026551, AI133067, AF017437, AF116676, I19437, Y16645, AB051158,				
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HAUBV24	228	760121	1 - 871	15 - 885	AW299924, BF591991, AA641636, BE552126, AD244707, AW582864, W02244, W31405, AA700527, W31364, AA004846, H57642, AA682556, AA005063, AW137554, W78800, H58485, W80643, AA813614, AI982595, H93564, N58338, AV684440, W04505, AI739425, BF063540, W04549, N73988, H93563, AC058787, AC024068, AC068906, and AC034109.
HWBAQ7 1	229	760146	1 - 442	15 - 456	AA078851, AW237409, and AL158198.
HRACE71	230	760240	1 - 445	15 - 459	
HADGC71	231	760321	1 - 447	15 - 461	AV710229, BF085557, AL137201, U95825, Z75889, AB023196, and Z84467.
HSXFL85	232	760494	1 - 552	15 - 566	AL538220, AL538219, AI480012, HI9676, R89656, BE466061, AI992259, AA308883, AI937402, AI633754, AV748497, BF508330, BF316690, BE261557, AI094532, and AF225903.
HNGDQ71	233	760510	1 - 433	15 - 447	
HTOUT28	234	760822	1 - 1278	15 - 1292	BG260462, BE966632, BE622688, AW963926, AI521877, AI334984, AI765363, AI017581, BE274396, AA885230, AW518279, BE736962, BE302086, N42638, N33002, AI367782, NZ0045, AI354903, BE622520, AW469894, N29070, N25847, N42447, AA379316, BF812981, N21440, AA379869, W94393, BE894449, N43812, W74612, AW276528, AW630384, AW611653, N20169, AW879040, AA994825, AA164284, AA164285, BF350517, AW817775, N28593, AF235022, and M94043.
HSDZF13	235	760890	1 - 910	15 - 924	N25951, AU119260, AI532307, AW009637, BF222719, BE675891, BE551994, AI417147, AD250808, AW512361, AL519408, AW298190, BE644632, AI870137, BE676177, AW978338, AI110587, BE798561, BF062834, AW977503, BE798584, AA768395, BE779351, AI289263, AA769533, AW613648, N26848, AW373450, AW297301, W15533, AI808400, AI079688, AW085089, BE176571, BE176567, AW886581, BF698882, BE674076, AW972105, AW972128, AA677498, AI799484, BE467997, AI360937, AI378075, AI457270, AI363333, AI681227, AI363339, BE218068,

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HTOBH39	236	761762	1 - 1242	15 - 1256	BE748329, N74752, R59259, R19718, AL044945, Z43800, N46928, BF989140, AA215691, AW672673, W20097, H93163, H92772, AW451096, AW672684, AW675432, R05649, BE748804, AW675425, AI122843, BG236421, AA844417, AL355365, U92072, AF118890, and AF118889.
HE9RP73	237	761860	1 - 834	15 - 848	BF195423, AW295027, AI632894, AI375620, BE348529, BE222485, BE348738, AI375618, AI797110, AI912217, AW770520, AI458372, AW293332, AW294242, AI032301, and AA937736.
HSXD07	238	762023	1 - 1192	15 - 1206	BF001696, AA534383, NA6697, AU151694, AI499339, AI743820, AW589672, AU149025, AI432311, AI141137, AI206397, AI925435, AU146251, AA779076, AW262097, AI922995, BE963120, AI378560, N51246, AW028157, H16937, N39252, BF210631, BE748997, AW295413, AL528775, W26344, Z41197, D82385, F11545, AV650935, C18350, Z45504, H12188, N66289, AA283636, F09207, AA236640, T99276, F09206, BE748589, F11546, H11659, T17419, H59417, BF935776, H16829, R27309, R25225, T99221, T99540, AW338205, D58891, R99013, BE716553, T99263, BE716566, AW749636, R55968, AA032271, AI648397, H73161, BF813725, AI831888, BE618701, AW373183, AW887344, D82517, AW887413, AB037835, AK026928, AK001513, and AC007404.
HDPHG57	239	764498	1 - 435	15 - 449	AI693286, AI816113, AI684537, AA429420, AI299311, AA431915, BF446559, AA167761, BF698832, AI751135, BE778891, BF130655, R60698, BG170065, BE789599, BG255064, BE895312, AV717371, BF542106, BE778896, AV717171, N26943, BF796752, AI816153, H17558, W24886, AA716760, BF215110, AA424450, AA301438, BF185620, AI239938, AV705702, AI302044, AA554693, AW895662, AI051013, AI494497, AA349162, AI421385, BG033297, BF380304, AA428364, BF059220, AW964690, R79049, AA325072, AA323645, R78947, BF575192, AA282105, R78954, AI992090, N95752, AV703917, AI188518, AF224669, and AC018797.
HGBAD15	240	765442	1 - 1248	15 - 1262	BF084678, BE765056, AW996750, BF084642, BF838184, BF915389, AW965064,

HOEP07	241	766074	1 - 1425	15 - 1439	BF801416, BE886249, AW813003, AV696891, AV696823, H90200, T71483, T67605, R94391, W03660, BF800050, BF084818, BF084790, R16438, BF084792, BF084824, AU149677, T86896, R05366, BF670154, N91701, AA343651, U77324, AA618549, Z45791, A1744411, BE697880, BF229401, T86897, R12694, AW937308, AX048074, AK001348, AL122121, and AK022188.
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HFIHT50	242	766558	1 - 815	15 - 829	AW138187, BE207094, AW976574, BG115559, AI738575, BF513404, AA742327, BE244281, AW504001, and AL137480.
HANGD38	243	766868	1 - 1482	15 - 1496	AL526452, AL526495, BF115050, BE408960, AW135408, AU153435, BF036717, AI044198, BE877119, AW044684, AI937823, AI869273, BF568751, AI131226, AW511009, AV690044, AI697401, AI089110, AA253416, AI962638, AV697476, BF568579, AI004204, AI652959, AI150387, AA284777, AI128104, AA837002, R73456, AI869257, AI566712, AI632823, AI587100, AA643153, AW206838, T54515, AW731976, AA335416, BE279820, N22928, AI699828, AI254749, AW381851, AW058487, BF349036, BE265387, AW381852, BG055543, BE547316, AI000537, BE278264, AI913047, AL117398, and AK024269.
HPMGQ75	244	767356	1 - 1144	15 - 1158	AU136849, AI138605, BF090004, AA748696, AI248602, AW135160, AI093693, AW504888, AA350817, AI056943, AA806341, BF962888, AA450196, H09754, AI358958, AI655847, AI352547, BE176203, BE045975, AA149105, R46281, BF090050, T06526, AA699357, R56089, W90058, H09777, BE176213, R46194, BF953979, T07179, AA630146, AA630242, AI739458, AA149104, and AK001942.
HBIIH66	245	767674	1 - 777	15 - 791	AW976160, N24210, BF853022, AI493459, AI744490, AA515275, AW974563, AA400218, AA747717, AI214995, AW977625, AI963927, AA747813, AI809251, AI188143, R58937, BE222577, AA435795, AW474677, AI699142, AI985611, AI934156, BG104882, AA648859, AA884351, AI015483, AA400129, AI024070, AA811998, AI419128, and AL122109.
HEGBB78	246	768346	1 - 1946	15 - 1960	AW450341, BF062815, BF433621, BE042961, AA237093, BF437702, AA432270,

						AI472317, AA868341, AW977034, AI264599, AI093500, AI360329, BF939207, AA847485, AA431260, AA236681, AI380193, AI862575, AI800949, AA158767, AA625441, AA565015, AA609030, AA099081, AI800942, AA847586, W76503, AA057283, AA058728, AI475452, AA481052, W72555, AA046202, R43719, AA533026, AI150119, H64004, AI077622, AW449914, AA046282, BG150675, BF446183, TS2803, Z20632, AA721115, H64054, AK024637, A75250, AL109914, and AL359994.
HAJBC01	247	768776	1 - 369	15 - 383		
HHGCP75	248	769003	1 - 751	15 - 765		BE867540, AW272260, AI378661, AI871902, AW957020, AA131886, AA193449, H06773, AI349551, AU138307, AA131887, AA193682, R52308, AL513784, F11415, H64261, AA016110, AL524822, BG122385, AA059138, AA299723, AW363105, F06646, BF986163, C06172, AW754048, F05102, AV733911, R25576, H64260, R77194, AW363124, BF446269, AI949988, W39604, H15390, AW024813, BF803600, BG035134, BF362262, AA434293, AL524821, AW901366, AW664063, AI919247, BG007354, AW806545, AK001887, AJ249976, AC006966, and AB025580.
HAIDO95	249	771350	1 - 1405	15 - 1419		BG257943, BG165269, BG259172, AI424802, AI916783, BE910430, AI819053, AI816777, AW272605, AI590692, AI479430, AW514278, AA551171, BF940155, BF445111, AW629154, BE559548, AI735281, AL571324, AI478759, AI393954, AA721080, AI524155, BE503212, AA810185, AI097009, BE390809, AA284628, AI123017, AI261506, AI767266, BE327222, AI681243, AW014194, AW160735, AW014209, AW008652, AA284635, AW376166, AI458147, AI476200, AW376156, BF128669, AI093995, AI143101, AA732032, AW025657, AI308770, AA234937, AA252222, AA242937, BF221723, AI276128, AI360495, AA804455, AW137536, AW376188, AA831992, AA279678, AA705403, AW386011, AA234936, BG231189, AI082377, AW173743, AA371418, C16269, AA169648, AI082246, AI434042, AI094553, AA295327, AA169828, AI094458, AA282437, AI870814, AA204686, AI523829, AW376165, AA280609, AI015800, AW473793, BF773007, AW376186, AA207071, AA207070, AW768513, T10533, BF247348, N98898, AK000654, AC004067, and AC004068.
HE8UD19	250	771648	1 - 973	15 - 987		BF692975, BF980357, BF970789, AW995310, BF943459, AW474322, AA609972, F27451, AW748103, AI491737, BF920158, AW675385, F37347, BF217122, AW387654, BF954266, C01106, BF959308, BF057458, BF954263, AF117829, AC074178, AF061326, and AF069291.
HMAIT58	251	771900	1 - 426	15 - 440		AV712950, AV716955, AV715751, AV716324, AV712255, AW016896, AV717365, N77056, AA333542, AW662189, AA363393, and AL390195.
HDAAE77	252	772217	1 - 1516	15 - 1530		AW961900, H10235, AA310824, R67302, T08985, R17955, AV746798, F05576, R60879, AB046764, Y18276, AF072372, AL137748, and AF072371.
HKAJO7	253	772639	1 - 547	15 - 561		BF311525, AI537814, N33624, AI254765, AA317406, R99735, AB039887, AP001628,

					AP001748, AC006080, AC005089, AP001746, AP001724, AC004216, U91322, AL121900, AL132653, AC009506, AC004820, AL009172, AC012384, AC007225, AC006075, AC000029, AL031407, AC002299, AF312913, AL109623, AL157384, AP002026, AC011444, AC005098, AC011895, AC025435, AC078843, AC008155, AC007679, AC002036, AL136979, AP001619, AL136128, AC004166, AL049780, AC007655, AC002378, AC020898, AC006455, AL031733, AC010458, Z93015, AP001745, AL049778, AL049834, AL138756, AC002429, AC005015, AL356652, AB017335, AL390755, AL157818, AL096700, and AC005725.
HDTEFC73	254	772840	1 - 1291	15 - 1305	AW957373, BE967654, BF672466, AA243659, AA243138, AA435874, AA233092, BF510635, AJ823876, AL277512, D51291, T33433, AA350528, AU156897, AA243139, BF478040, T23439, R18090, AA371115, R51070, AI886821, R42984, R39042, T82466, R40894, AW894125, AI382942, AI695784, AI539054, F11126, F02015, D52490, AI685658, C01658, AA748514, T03527, H05920, BE934157, BF999110, T06066, AW901173, BE699319, AK001942, and AF131789.
HDTEI32	255	773040	1 - 524	15 - 538	BF208846, AA158924, W32064, BF358935, and U44731.
HLQCY70	256	773347	1 - 360	15 - 374	H19562, H19062, BF681106, BE675015, AV725465, H52459, R69117, AA614237, AV708759, BE718316, BF726278, AA448546, BE772280, AA447563, AA311577, F36358, BF962541, BE719042, AW327928, W05714, AI093147, H23844, H81705, BG236194, AA772120, H22656, AA657706, BF466211, AA533518, AI582362, BE268803, BE772274, BE772259, BG032680, AL037342, BE250833, BE393724, BE270632, BG180723, AW955450, BF984538, AW974969, BF381633, W93751, BE270682, BE397872, BE774011, AL048648, BF184282, AA335093, AI525497, BE733059, BG258238, AA346023, AI204550, BE277134, BE798289, BF978089, BF337703, AI074215, AA284494, W20206, BE908897, AA533572, H46711, AA464383, AI335325, AA045542, AA287198, AA036876, AA724195, AA865386, AA100765, BE170819, AI168457, AW152438, AA327562, AW404423, AA709329, AA535547, AA555050, AA586432, AA482584, T77375, AI471545, R69236, AA056936, N90563, N26779, BE737066, AA464272, W42411, BE735075, AI139932, AA548760, BG178440, W93700, AA100712, H18965, AA091696, AA419348, AA877233, AA352847, BE719039, N39863, N26835, AI200703, AI140027, AI475731, AI864445, BF742201, H45228, AA465029, AW058191, AA448262, and AA568726.
HELDG78	257	773740	1 - 307	15 - 321	
HAGEK19	258	774276	1 - 706	15 - 720	AV690304, AV655247, AI631883, AW681208, R56792, AI046024, AI048523, AI767614, BE439542, BE439434, AW609020, AW608995, BE439578, BF966771, AW608990, AI293459, AF038124, BE067210, BF334397, AW609005, AA545726, AA545816, AA545727, AJ404664, AJ278596, AJ251619, AJ278594, AJ404665, AJ293456, AA389641, AV746398, AF144029, AR038762, AX001322, AF095853, AJ290944,

					AF018071, AF029692, AJ277249, AX027452, AF033115, AC005501, AF144028, S80858, U89589, AB026436, AF046029, AF064096, AX014322, AJ295141, A93445, AF135422, AF046032, AB019570, AB040807, AX035760, AJ300180, AJ300181, A57129, AF045378, AF019711, AX002414, AJ295140, U67863, AF015282, AF054096, AF054135, U79408, A95310, X79046, A81344, AF056703, AR069413, AJ250192, U79394, AF019692, E13215, AF015280, A65365, AX003207, AF054014, U79377, U13667, U22491, AF054018, AJ249369, A80476, Y11107, U79331, AJ005669, AF054071, AF054113, U79329, AF054132, AF054025, and AF056695.
H2CBA34	259	774569	1 - 1703	15 - 1717	BEA10951, BE385296, AA307119, N41943, N31453, A1917923, BE275846, A1074304, C18742, AJ239398, BE086052, AA317489, AL208843, N25339, AA991578, N55244, A1190190, AA369818, AW957099, BG251842, AA034423, BF942978, BE269211, BF944736, BE513344, BF942976, H82636, BE396785, AA369558, AC004228, AC003025, AF139813, AF073499, AF073501, AF057169, AF057170, AC007263, AC007404, AL121949, AC011895, AL022336, AC005207, AC003072, AF196970, AF196969, AC018720, AL121899, AF001725, AL133551, AC002470, AF000703, AC004522, L78810, AC005015, AC025594, AC005666, AF134726, AC005914, AC005288, AC005049, AC023880, AC006270, AC011495, Z81364, AX039602, AC005924, AC004854, AC005378, AL353706, AL133232, AC024561, AC011453, AC006480, AP000302, AP001727, AC009244, AC005088, AP000114, AP000046, AC002492, AC005180, AC006017, AL359382, AC008474, Z98051, AF275948, AC074338, AL139396, AB015355, AC006014, AL031767, AL109897, AL161670, AC002477, AC004531, AL133507, AC007308, AC005037, AL139039, AC010328, AC005800, AC005488, Z99943, AF207550, AC016027, AC018644, AL049780, AC022392, Z93015, AL008583, AP001695, AC003665, AC005225, AC027319, AC016995, AL121652, AL162505, AF124523, AL049631, AC004867, AC011475, AC002045, AF053356, AL022326, AC004686, AL096840, AC007055, AC003982, AL136137, AL133288, AL161731, AC005098, AC008536, and AL391684.
HDPTC79	260	774739	1 - 1455	15 - 1469	AA495793, AA149783, AA495729, R13843, A1160386, H11562, AA418639, AA151775, AW022459, A1263905, BF924146, AA302905, A1590796, AA418577, AA302904, BF526295, BF990024, AW837927, AW838065, AW837899, and AW838051.
HTHBY73	261	775247	1 - 720	15 - 734	N40667, AA329668, AL532059, BF092002, T35364, H64102, Z43611, BF229785, A1307240, BF364263, BE702964, A1951554, A1909783, A1816064, T29948, Z43604, A1942492, BG054939, AW751045, F07345, AA160594, AW969529, AW188628, AW302233, A1335011, A1423498, BF341298, AA293045, A1051728, AA293436, R78689, H12368, BE696174, BF094196, N26393, A1076557, BF002146, AF249319, AJ293970, AK026102, AF287269, AJ293659, and AF287270.
HE8DL19	262	775419	1 - 580	15 - 594	BE871751, BF980147, BE180414, and AC008784.

HMBGB46	263	775455	1 - 701	15 - 715	<p>BF435789, AI916608, AI344659, BE514712, AA988582, BE219928, AI122693, BE244195, BF222824, AW139768, AI744445, AI457767, AW134479, AW192621, AA171386, BF438959, AI955090, AW149612, AW235205, BE246231, AI953327, AW009231, AI479545, AI333127, AW206995, AI972628, AI807108, AV657186, AI858921, AW016338, BF939058, BF434318, AI351886, D29147, AI337048, AI299186, AI536715, AI656738, AI742727, AI453605, BF061339, BE220688, AI702718, BF196240, AI831375, BF695707, AI762299, and AK023109.</p>
HTEIA85	264	778081	1 - 1999	15 - 2013	<p>AI517126, AA868347, AU124289, BE886699, BF981239, AU124539, AI678634, BF970664, BE889232, BF347159, BE378624, BF969563, AI362032, AI360234, BE783809, BG029433, AI890662, AI207693, BE080873, BE328406, BE884759, AW959929, AA425531, BE173494, AI857342, AW148767, AW391919, BF980651, BE251405, BE536870, BE778123, AW664598, AI870540, AW268349, AW291307, AW051419, AI515145, BE328726, BE542081, AA397933, BG033239, AW613279, BE047494, AA425342, AA604376, BE568547, BE782576, BE869041, AW337957, BF944754, AW058214, AW383098, AI015429, AI811856, AI700231, BE894421, BE867405, BE564442, BG109303, BF082740, AW088558, AA429058, AW368050, H94867, BE568757, AW150319, AL040690, AI088198, BE564719, AI275791, N28822, BG118538, AI984513, AA664447, AA581367, AI318087, AI554535, AA100536, BF349648, AI570789, AW885715, BF742844, AI038533, AA437168, AA781893, BE729239, BE925843, AA127205, AI457156, AA487373, AA487256, AA506615, AI700449, AU148368, AA084186, W39183, N34327, W48615, AA335074, AA083852, AA759004, AA127204, BF931010, AI475155, T16186, N68154, AA282950, W76502, N52965, BF365527, AI492630, N23350, N44219, AA599858, N90243, AA441795, BE256979, AA954074, W72554, AA001366, AA426436, AI150591, Z17342, W48848, AA084150, R17788, H73679, AI244828, BE092078, T34091, BF927370, R15766, R53782, Z43180, AA812472, AA393722, AA992902, AA854973, BF310652, BF330975, R58476, H60664, N80612, R16270, H47840, BF525491, Z17375, R16404, BE891319, H65124, H92922, AI806053, R51356, BE858690, BF918312, AA129474, AA703655, AI273223, AI926270, BF963065, AA329148, BE774606, H92802, BE769225, R20399, AW795296, AI049843, H56558, BF090852, AW607377, R41931, H69496, AA335073, H59850, R94332, H84519, AA083896, BE164310, AA080483, BE710894, BF834037, H73731, R51462, AW674398, H56559, AW380175, BE799336, BF869029, AI886687, H66590, AV729890, AA503185, BE936384, AI298510, BE881294, AW270029, BF923491, R12667, R02834, BE007732, BE007738, BE007723, BE007724, BE007734, BE007727, BE007730, BE926092, BE007729, BE538437, BF8606049, BE796361, AA911021, BE926100, AV747567, D20966, T24827, BF926145, AW995423, AI559973, AI590813, AW995373, AW966839, T08376, AB011173, and AI031428.</p>

HSHBF13	265	778087	1 - 933	15 - 947	AI862453, AI569794, AI800423, AI590769, BE313614, BF982756, AI859970, BE301273, AW170296, AI811162, AI653897, AI569595, AW467390, AI652421, AI653548, AI739622, AW276481, AW473524, AW964953, AI963681, BE939495, AI657090, AI624062, AI701477, AA847299, BE892957, AA973284, AW300934, AA884426, AW007927, AI671878, AI150198, AI597690, AW772043, AW205152, AA687348, R48787, AA398522, AA132853, AA639818, BE856046, H16789, AW079395, T72002, AW518068, AW510732, AW025171, AI283535, AI028345, AI208208, BE386015, AI204112, AI869844, AW235822, AI521850, AI917108, AA297158, T87641, BG236404, AI760407, F09217, AA835697, AW009374, AI200294, AW136297, AW578241, BF983084, AA477930, AA609623, T51196, AA292757, BG181058, AA298687, AI222636, T03597, T80196, BF348744, AA046518, AI648526, AA046693, BF591885, AI784267, AI656095, AI539547, AI673418, R50052, AA160800, AA927052, AW196234, BF315318, AW194685, AI283529, BF222991, T64280, T51302, AW384442, AW274852, R50051, AA292781, BF358771, BE793372, BE304649, AW392818, BF804025, BG025169, AI247295, AW812132, AW812133, AW812134, AL527121, BF762485, AK026044, AF288687, U21720, and AF060515.
HL YCQ80	266	778291	1 - 702	15 - 716	AL522429, AL519857, AL525166, BF795119, BF953602, AL522428, BF889168, BF953600, AA417315, BF950828, BF953606, AA363724, BF953605, AA416846, BF950827, BF953597, BF790896, BE219962, BF950833, BE254979, BF953596, AL525165, BE738260, AA442345, AW149619, AI822093, AA401532, AA502835, and AC004024.
HE2OF81	267	778504	1 - 598	15 - 612	AA463471, AI590283, AI479619, AW170566, AI56285, BE671701, AA722942, AW469714, AI279424, AI870381, AI475890, AW105033, AA443030, BE646579, AW135396, AI357242, AI860938, BE856482, AI692574, AI420407, BF948785, AI566567, AI306543, BF929181, AA748866, AA328301, AW204848, AW136075, AA729225, AI251746, AI698815, AW137312, AA865160, AW206983, and AF069736.
HTEBB88	268	779291	1 - 617	15 - 631	AA431834, AA412657, AA383405, BF979852, AA399262, AI970493, AL042749, AI026627, AA431430, AA412489, and AW589908.
HWHG82	269	779607	1 - 793	15 - 807	BE149572, BE149762, BF927988, BE710647, BE706463, AW860458, BE149306, AI005585, AL355984, and Z70023.
HWADH6	270	779663	1 - 672	15 - 686	AU142678, AA305711, N48526, BE888778, AK023990, AB032948, AL359929, AK025302, AY008271, and X69942.
HKADC82	271	779838	1 - 518	15 - 532	AA256009, and Z73417.
HHESK83	272	780458	1 - 553	15 - 567	AW238796, AI446252, AU133011, BF528401, AU140703, AV748024, W47453, BF034868, AB011164, and AK001686.
HMIAT16	273	780804	1 - 1205	15 - 1219	BF967603, R56740, R12211, AV724882, AW901254, AW902264, R25705, AV725183, BF362604, AW902149, AR079035, AB033015, AB050265, and AL157830.

HSLJK83	274	780819	1 - 751	15 - 765	BE795727, AA192481, AW304932, R50904, AI475447, AL046510, BF771836, BE763340, RI7624, BF037534, and AK022629.
HADFW62	275	781376	1 - 508	15 - 522	AW971689, BE173409, BE173585, BE173471, AI766639, BE173481, BE173586, AA446322, AI147871, AI423223, AA446503, BF102702, AU157616, AA641529, AA043190, AW074400, AU156799, BE349039, AA043189, BF677334, AI159832, AI419387, AA627345, AI031904, AI886950, AI934352, BF939730, AA854750, AI619780, AI719353, AW103783, AI097237, AI371803, N62242, BF446754, AI932664, BF966850, AA022728, AI082158, AI027157, AA528304, BE895637, AI033762, AI719873, AI205854, AA459012, AI215871, BE173590, AA846562, AI781300, N32245, N32239, C20624, AA838762, AV734597, AA046667, AI805379, AI571690, H88240, BG152848, AI241774, AA825596, N57339, AA721753, AA369579, AW771347, BF941206, AW827132, AA369411, R44703, AW591353, AW193628, AI687862, BF218355, BF363932, H92698, AW901820, AA326713, BF363979, AA349280, AA830510, BF691477, BF363985, R44702, AI699714, BE701927, BF800094, BF576897, AA256744, BE176885, AA376823, W04679, AV659955, H88016, AF113224, AF208863, AK002102, AC021019, and AL358133.
HOHBR65	277	781821	1 - 598	15 - 612	BG177251, BE392473, BE540551, AV750730, BF795551, BF589465, AW504749, AA385917, BE895666, BG119102, AU127443, and AK022818.
HRABZ84	278	782028	1 - 889	15 - 903	N77440, AL079791, BF332757, AA300559, AU124105, AA249371, AA179324, BE706277, AB014578, and AK023168.
HKABD18	279	782431	1 - 595	15 - 609	BE551045, AI761086, BE467416, AW014459, AI658633, AA157537, AW008399, AW578213, AI214342, AI651449, AI292079, N92657, AI524798, AW517316, AW501719, R19362, AA890687, AA203496, R19361, and AC015853.
HUFAJ06	280	783017	1 - 1085	15 - 1099	AU123891, BG254072, BF034062, BG026501, BE905914, BE379882, BF575139, BG178012, BE018688, BF666905, BF724896, BE781202, BF969239, BG029993, BE929233, BF035227, BF084153, AI569851, BE897137, BF084155, AA300363, AI868450, BE886832, AV747378, AW082547, BE938831, BE379802, AW601587, BF812290, BE673019, BE926722, AW675134, BF907150, AW975844, AA479256, BG115871, BE258274, AW754116, BF331949, BF001398, BF109908, AW024440, BF111317, BE543712, BF434200, BF222717, AI742737, AI656136, AW467007, BE877085, AA394229, AK001499, AK001492, AK001222, and AL137401.
HDQFV46	281	783316	1 - 999	15 - 1013	AL531039, BF973454, BE727445, BG115169, BG114062, BF684794, BF973606, BE537060, AW969042, AA700020, BF968627, AW206059, AW957238, BF432198, BF980402, AI672358, BE326492, AA916774, BE003525, BE003532, AU151013, BE003523, AA699619, AA827289, BE206364, AU158148, AU152265, AI032726, BE043951, BE747743, AI024492, AI208858, AI375573, AA725543, AA287974,

					AA693821, AA770210, AZ40892, AW510399, AIB24282, AIG84175, AW362905, AA426229, AI049580, AA525966, AI334247, AZ262040, AI032993, AA291268, BE328503, AW383419, AA291339, N59203, BE064374, BF350525, AA504437, AA626831, AA767810, AI188629, W45184, AA993418, AW273123, R60802, BF446920, AI797031, W42659, AI796476, BE741947, AA203299, AI524794, H50988, H18939, AI701999, BE844252, AA782458, AW779035, AV754863, AA480957, AA769274, AA235431, AW021687, BF884832, AA746717, BE242449, AA524731, AA765847, BE064375, BE396252, AA730421, AA370678, AA327714, BE898594, AW957236, BF976418, H51642, H67581, AI215039, AI500031, AI613496, AA259009, BE064373, AI888704, AV717910, AA908871, BE180513, AA362131, AW780116, AA659009, BE931789, AA664580, T97082, BF971670, AA504201, AA778342, BF593055, AW673901, AA291338, AW867029, BF758920, AW383401, AL110271, AK023702, and AK025390.
HMEKH64	282	783318	1 - 1183	15 - 1197	BF971670, BE266703, AV717910, BG253151, BE747743, BF976418, AW386331, BE844252, AL531039, AI929214, BE894133, BF973606, AU130281, BE148644, H67581, AW867029, BF684794, AA362131, AW605843, BE180513, BG114062, BE537060, AW605842, BE257623, AU136976, AW579730, BF973454, AW379329, AI888704, BG115169, BF350024, AA327714, H50988, AA291338, AA504437, AW379315, AA203299, T97082, BE727445, BE003525, BE003532, BE003523, AW340421, AA259009, BF980402, BF364187, AA626831, AW673901, BE396252, AL531040, AA480957, AA235431, BF758920, AW675069, AW957238, AK023702, AL110271, and AK025390.
HTLEB85	283	783631	1 - 541	15 - 555	R09977, T05374, AF184921, and AL110245.
HCB4Q82	284	783713	1 - 1504	15 - 1518	BF979576, BF685876, BF237525, BF980213, AI962634, AI123829, AI675169, AA446522, AI123819, BF439625, AA846261, AA812673, AW013867, AA398356, AI248400, AW952312, AA435895, AW268607, AA293782, AA609058, AA398858, H92236, R85058, AA928382, H23595, AA446343, AA932275, AI143864, AI867690, R86854, R86872, AV728555, AA319860, AA609577, AV728680, R85059, AK024750, AJ400877, and AJ400878.
HODEC95	285	783883	1 - 693	15 - 707	AL121655.
HCBBA47	286	783892	1 - 2015	15 - 2029	AV725226, BE619022, BG178817, BF241370, BE895080, BG113258, AV715766, AV733942, AV726793, AL036345, BE875631, AL036344, AW955920, AW954961, BF512650, BF740018, BF238340, BF794067, BF438225, BF127410, BF541953, AA702956, AI816856, AW772335, AW340628, AI871692, AA421023, BE739050, AW271529, BF244204, AI702180, AI147255, AW501666, AA227625, AZ83417, N30286, W73960, AI083587, AA436206, BG180607, AI694900, AW578422, AI349323, R78863, AI191671, AA281451, AA693549, N42007, AA586311, AA321680, AA974083,

HSKBEQ61	287	783939	1 - 2455	15 - 2469	AI352703, AA628839, AA636123, AI279737, AA469953, AW589576, AW467404, AI352647, AI022057, R64528, AA319968, BE695706, BF154492, AW852265, H30815, BF743115, R68417, BF214618, AA442126, T54284, AA436205, BG122218, BF327469, AA745658, N63217, N63229, R68418, AA747151, R79350, BE003010, AI678653, AW970097, AA528692, AA683590, BE814850, BE814851, W79264, T54391, AI270355, AA837348, BF904237, AA585295, BE782466, AL008718, AL389951, and AL050007. AU135920, AL517209, AU131691, AU130251, AI972528, AI688414, AU123251, BF109719, BE546692, AL517208, BE881139, BE890805, BF793401, BG120087, BF057427, BG250623, BE048738, BE882401, BE613577, AI640498, BE540307, BF343742, BE614292, AW151747, AW958404, AW152397, BG035353, AV682987, BE883215, AV703155, AU128516, BF666236, AW966581, BF106340, AI480333, BE328670, BF218009, BE836374, AU127593, AI685403, BG251542, AI669680, AU152244, AA085541, BG253320, BE964277, BF131711, AW514294, BF244439, AI188466, W44462, AI123344, BE206579, AW627436, AA442555, AA890256, N44947, AU150796, AV705529, W44423, BE770328, AA593805, AI080628, AI569249, BF542143, BF510041, AA622751, AI130841, AA314696, AA621315, BE779242, H72468, AU156368, BF372598, AA559031, BF507523, AW630453, BF245794, AW408163, AI357067, AI263453, AI042577, BE876481, AW517811, AI246358, AI292246, H71650, AI148526, BE222791, AI050839, AA311995, N31165, N51572, AV701651, AV734456, BF733585, AA677757, AA680365, BE925424, AW006059, AW408752, AI003722, AW373632, N26323, AW195678, R70589, AA72821, BE843463, BF447496, BF358328, AV707275, H71651, N39766, H12581, AI783986, H48743, AL041259, R25830, BE552464, H12582, N67428, AA207208, AI863535, AA379962, AA374360, BE825711, AA298251, AA296959, AI745701, H72869, T84011, BF676229, AA380015, BE177759, H86954, BE177295, AA248786, R46828, AA300956, N86979, AI927507, N50351, T52668, H58749, AA861220, AA298872, N75389, W01901, W88430, BF131193, AA694396, T52667, AV710681, BF828638, H48744, BF885210, T84010, BF358281, BF229289, W78815, AA777519, C01970, BF247057, W80714, U97067, AF030233, AK022926, AF006070, AK022539, AF080071, AK022834, AF135021, AF006071, AL050016, AF134888, AF134877, AF134872, AF134871, AF134873, AF134876, AF134879, AF134884, AF134881, AF134874, AF134887, AF134880, AF134875, AF134878, AF134886, AF134885, and AF134883. BE618503.
HWEAC64 HSDFAQ3	288 289	784039 784159	1 - 559 1 - 419	15 - 573 15 - 433	AW842475, T30776, BF184770, BF207585, BE866760, BF185766, BF572915, T34250, BE569159, AV710343, BE865603, AA307732, AV710294, BE748463, BE380139, BF695555, BF575624, BF693664, BF242001, AA224139, BF542130, BG164206, BF574646, BF244208, BF978686, BF665201, AV757001, N31447, N28523, N24472,

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				15 - 466	AA188631, BG107319, BE867590, and AK026841.
				15 - 1285	AL526600, AW008531, A1954708, AL526720, A1693936, A1625579, A1074610, BE892520, A1653264, BE892521, A1380208, AL521258, BE858829, BG248963, BE547313, BE874107, AA732580, BE884466, A1718587, A1716885, BG150345, AW270103, AA486528, AW340471, A1343412, A1633274, A1247394, AW770249, A1243322, A1129112, A1799900, AA152076, AW196976, A1969017, AA151991,
HM/HBN86	290	784650	1 - 452		
HL/TAZ78	291	784764	1 - 1271		

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HLDBM50	292	784930	1 - 1497	15 - 1511	AW970247, AA749081, AW970328, AA242881, AA534752, AI767158, AW134505, BF001990, AI222246, AA766655, T81312, BE001722, AA764820, AA767994, AA282886, AA983324, AW262486, AI200540, T81840, AW994525, and BF746861.
HHEDH33	293	785013	1 - 527	15 - 541	W07333, BF966356, BF345047, BF966166, AV706030, AI532785, AI929589, AL533353, AV723356, BF791175, AV723613, W37917, BF967376, AA306202, N78175, AA355342, AI146458, W77834, AA010474, H38038, N72450, AA169869, H50965, AI655965, AA312530, AA354371, BF678700, AA805036, AI566732, BF102698, AV761465, AI948482, N64212, BF214204, AA306939, AI760966, AA515863, AA347822, BE242703, N31260, AI953952, W16828, AA328013, AA648335, R57511, AA325779, AA329322, R50284, BF213966, T93146, AV740787, AA357064, AA356670, AA328151, N42259, AA306801, R01594, BF240302, AA768073, AA285240, AA328907, W72197, BF511262, AW001742, BF214042, AA515854, BF929192, AW972835, AA283306, AI077300, AW338181, AA356764, N32815, AI015666, BF057072, AI472098, AA742803, AA677584, AW301679, N58011, AW105514, AA730357, AI128690, AV735482,

					AI147003, AA775257, AW241515, BF931704, AA354145, AI147297, W37875, N90923, AA469192, AI709087, AA773947, AA579389, AA480477, AA469123, AF038953, AX015347, AL021786, and AL009028.
HAIDL86	294	785497	1 - 450	15 - 464	AA330427, AW961567, AA207037, AW612514, AI972017, AL044564, AF097027, AF097026, AL137064, AC007394, AF290421, AC002992, and AL078590.
HTEPF14	295	785958	1 - 696	15 - 710	AA429918, and AA813674.
HOEDD04	296	786659	1 - 1140	15 - 1154	AW299799, AW084139, AW242363, BE552186, BF112070, AI823595, AA931217, AI625868, AA741511, AI015177, AI640397, AA706004, AA582716, AA706025, N62554, AI421672, AW139031, AW205790, AI039797, AI983142, AI094692, AW770391, AA599803, AA111973, AW770810, AI612830, AI910734, AA974688, T34710, AA204852, AW380711, AA083691, M78458, AI817638, N79222, BE220738, BF760186, AW380703, AI609833, AI360898, BF740075, AI381705, AW194879, AW864253, AI094606, AA708986, AA748372, BF091355, BF736748, AI580218, BF943536, D19947, AI917379, AC023154, and AK024713.
HODBK89	297	786830	1 - 517	15 - 531	AI099710, AL519788, BF205386, BG025642, BE165754, AU134287, AW853154, AI203203, AW235417, AI633942, AA808812, BF437493, AI198588, BE270126, BF680360, BF681547, AW149313, AA702729, AL040061, BF846782, AU1117305, BE384952, AA576336, BE147416, AA613345, AI700109, AV655096, AI963720, AW002350, AW965008, BF964993, AV758600, BF030591, AL119984, AC011357, AK000579, AB037772, AL137699, AK001368, AC009516, AC018751, AC011442, AB023049, AC008079, AL096840, AL121578, AP000555, AC000353, AC005180, AL139342, AC008403, AC005182, AL049709, AC008745, AC007308, AC005736, AC005377, AC003101, AC002558, AC005747, AF111169, AC006539, AC002991, AC008521, AC008651, AX039602, AC020917, AC005695, AP000688, AC007011, AC006345, AL049694, AP001724, AC011455, AC006004, AC004659, AC007263, AC011484, AL121601, AL049840, AC023105, AC009247, AP001732, AC007279, AC004890, AL109865, AC004865, AL031662, AC006965, AL136300, AL110502, AP000088, AC016025, AP001692, Z97056, AL159977, AC074338, AC005527, AL033504, AL049540, AL136234, AP000362, AL445217, AC005922, AL031276, AP001714, AL096791, AC079603, AC011811, Z95114, AC009756, AL162430, AP000553, U89337, AC000003, AC020904, AC005098, AL121752, AL008721, AC005988, AC007383, AP001752, AC011475, AL033529, AC007845, AC006143, AL110115, AL031293, AC010789, AC005520, AC004166, AC005914, AL096700, AC003109, AF235098, AL355497, AL121825, AP001696, AC004638, AL049871, AL355385, AL008629, AC004477, AC005859, AC003091, AC002430, AC002301, AL445490, AL049759, AP001039, AP001685, AC007384, AL391122, Z86062, AC004867, AL139350, AC010422, AP000114, AL139382, AC010877, AC005250.

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HMUJAZ89	298	786878	1 - 2011	15 - 2025		AU119217, AU142997, AU126470, AU137552, AV707724, BE885641, BE882395, BF978996, AU133265, BE880546, AU145615, BF768553, BE885051, BF978238, BG109892, BF030417, BF979389, AI025750, BE890586, AU160170, AI476238, BE907761, N24914, N22841, AW239265, AW614479, AJ921501, AA147622, BE769266, AI609379, BF675563, AW630231, BE940553, N28649, W24887, AA406583, BF899751, BF058794, H83590, AV690969, T71923, H82720, N36040, AU118939, R81776, BE890462, T87819, BF923426, R81524, AA147660, AA410263, AW615045, N46516, BG112667, BG035201, AA808254, AU123447, BE930817, AA248172, BF130062, BF244860, BE931706, BF977853, BG008198, BE930818, AA389677, BF980328, AC007541, AK024021, AK022770, AK021783, AK001731, and AL117658.
HSBBB92	299	787263	1 - 1329	15 - 1343		BE675230, BF058529, BE674332, AW614474, BF058378, BE673956, AI927890, BE348830, AW517448, BF195636, AA393795, BE348840, BE670412, AW194958, AI569662, AJ339198, AI298526, AA393737, W32966, AI362851, BF056919, AA421844, BF940522, AI015297, AW206859, W96354, AT720718, AW135892, AW339997, AI017522, AL121261, AA720627, BF224376, W96353, AW382742, AA808037, AI203573, AA406312, AA836578, AI377825, AW382721, AW382720, BE348820, T06376, T65425, AW752740, AW087789, T35605, AF012360, F09476, AA346740, AI650529, AF012384, AI073493, AA974605, AA884921, AW771989, BF214235, AA742618, AI147995, AI142281, AW798213, BE177396, BE709258, BE709249, BE177395, BE709252, AW662013, BE177412, BE177405, AI207115, AI216652, BF433408, BF116085, AI057029, AI073990, AI139633, BF033385, BE884638, AA909122, AF208855, and AC005943.
HHBGJ75	300	787450	1 - 566	15 - 580		BF967514, AU134850, AL526580, AJ815450, BE302873, BF980663, BF968709, BE391049, BE389214, BF237784, BE263463, BE254555, BE514230, BE784473, BE548313, BF663215, BF346762, BF525597, BE895887, BE729721, BF980558, BE544002, AA082886, AA551276, AW327921, BF339883, BG168759, BF247777, AX011651, AJ005896, AK023433, AF196779, and AF229636.
HDPY22	301	787466	1 - 595	15 - 609		AI762801, BG108111, and AC004990.
HBBBC20	302	787587	1 - 1293	15 - 1307		AW242755, BE539127, AI079357, BE274889, BE780196, BF213445, AV760694, AL134812, AI765812, AI061435, AL037306, AI041196, N29256, BG120268, AI990008, AI678128, BE384590, W45589, AW615370, BF966835, AA889860, AA702333,

					AW172266, AI808427, AI028431, BG110600, AI018204, W27650, AI469442, BF108748, AW337992, W45588, AI611633, AI469430, AA309624, AI302403, AA992610, AI037907, AA769552, AW294502, AA627210, AW613678, AI902952, AA376458, AA210868, C75376, AI052194, AA344419, R55613, BF917319, BF917393, BF111418, AW238413, AA854386, AA053729, AA835816, BG036729, D81811, AI085052, AW769528, AA054679, AA813667, N20543, AI200075, BE897758, BF081943, BF671216, AA056435, AW663287, AI816805, AA643494, AA643488, AI682727, AI619999, BE813101, T83597, AW265138, AA724224, and AF001175.
HMEI W0 8	303	788955	1 - 1232	15 - 1246	AUI131931, BE536781, AW402730, AA307816, BF511363, T80567, AA312254, T08529, HI16029, HI15919, BE812792, R50588, BF903474, HI0920, TI9093, BE815585, BF921472, BF903459, N22528, AB018268, and AK023218.
HTPDL90	304	789115	1 - 1433	15 - 1447	BF980029, BF979952, AA861754, AI041049, AA974148, AI025824, AI015271, AA973722, AI262750, BF507838, BG037192, AF012394, BF979566, AF260330, AF269223, and AL138721.
HTACZ08	305	789276	1 - 1333	15 - 1347	BG031756, BE743909, BG163922, BF568433, BE379243, BE786070, BE392183, BG105120, BE788274, AA280226, BE280190, AW967679, N35741, AI857402, AA477013, AA835014, BE164855, W93807, AW778886, AA704804, AA921827, BF569835, BF570343, AW403371, AA381259, AW967685, AW403003, AA292772, BG235910, AI079554, AA321629, AI143216, AI763030, AW243050, AI765833, BE830851, AI884606, AA705078, AI949689, AA252009, AI335326, AI338729, AA983569, AW629265, AI963754, AI281191, AW294001, AA279011, AA767672, AA476900, N49211, AI241107, AI392855, AA557282, AI032953, AI087153, AA251779, AI636442, AA249593, AI376580, AI823966, BE712575, W57586, AA731007, AW194627, N50263, AA278476, AA336093, AW963903, AF172244, AK025973, AF131220, Z74023, and AF188706.
HAGEC91	306	789377	1 - 608	15 - 622	AW363486, AI914741, AW861651, BF694382, BF575851, AW857983, AA847414, BF801065, AI904812, AI963431, and AU153706.
HTTCB23	307	789555	1 - 1810	15 - 1824	AUI27415, BE877289, BE742573, BF036861, BG029551, BE886701, AI859249, AI742547, BE780605, BE740104, AI768395, BG167281, BE178193, BE177835, BE178349, BE783927, BE178194, BE393733, BE513127, BE879057, BE207514, BE514898, BE276173, AW364748, AU154706, BE302681, AW513821, AW955752, AU148735, AW364787, AU147737, AI820072, AA807512, AI672793, AI138220, AI624654, AI538330, AW837961, AU150892, BE312071, AU149295, AW263238, AI341822, AI077392, AI134933, AA040573, AA598412, AW135642, W35215, AA629672, AI680161, AI358554, AA848068, BF561284, AA936121, AA916037, AI306440, AI313477, AA972982, AW800651, AW193945, AA773533, AI200664, Z39803, H62189, AA040671, Z43743, AI394357, T85669, H73295, BE393061, N74147,

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HYAAL21	308	789607	1 - 1868	15 - 1882	<p>AL514580, BE908546, BF694943, BF692909, AI655972, AA523409, AI809237, AW328507, AW137703, AI377032, AI872111, AA523391, BG231563, BG032081, AI381901, W56565, AI248517, AI217725, AA009534, AW328508, AI150552, AW769415, W92392, AW905043, AW613735, R95131, BF509506, AI241274, BF590059, AA609120, H67840, AW194863, W92335, AA580479, AI912966, AI142666, AW243314, W56787, Z25384, AA531424, AA620439, AA334258, BF593355, R08496, N76255, AI678791, F17380, AI217148, AW057531, AI825787, and AL139395.</p>
HTLHY91	309	789660	1 - 966	15 - 980	<p>AI078157, AI597699, AI761942, AI025092, AA564746, AI243129, AW954966, AA971785, AW242550, T70580, AA865861, AA320319, AI669433, BG032349, H49369, AI795962, AI744837, AW960465, AW966333, AW966399, D58283, AW975613, AW962245, AW975618, D80164, AV699927, AW966062, AW949654, AW966053, D80133, AV721386, AA305578, AW960473, AV719468, AV718800, AV718707, AW966400, AW966054, AV719783, AW959597, AW965177, D59467, AV720464, AV724520, AW959570, AW965175, AW966531, C14389, AW966022, AW966534, AW966041, AW966075, AW973445, AW964477, AW966065, AW966013, AW965163, AV719557, D59275, AV720150, D80195, AW973307, AW975621, AW978648, AW966029, AV720791, AW966050, AV719188, D80227, D59502, AW964532, AW965185, AW965197, AW962395, AW959062, AW949641, AW964468, AW966398, AW973334, AV719822, AW978634, AV722801, AV718692, AW966059, AW973490, D81026, D80269, D51799, D50979, AW973474, AW959799, D59859, D80022, C14331, D80166, AW966330, AW973473, D80043, AA514188, D80188, D51423, D59619, AW978661, D80210, AV720616, D80391, AV720151, AW973482, AW960553, D80240, D80253, AW973541, AW966030, AW958992, AV700229, AV718489, AV720203, AW964756, D59787, AW959136, AV699550, AW962082, AV719324, AV718440, AV718938, AV720028, AV718633, AW959628, C15076, AW975605, AA305409, AW965196, AW973485, AW965184, AW959202, AW973488, AV720211, AV718931, AV720878, AV718844, AV718770, AV720731, AW966332, AV699447, AW966380, AW958993, AV723927, AV699866, D81030, AW956434, AW964488, AW949646, AW949656, AW949642, D80038, AW966369, D80248, AV723097, D80212, D80366,</p>

					D80522, D80193, D80196, AW966388, D80045, D80219, AW965158, AW949629, AW949632, D51060, AW966385, AW966386, AW966331, AV720812, AW949658, AW966378, D59927, AW966368, AW966397, D57483, AW973330, D59610, C14014, D80378, AW966043, D51022, AV720533, D59889, D50995, AW966032, AW960532, D80024, AW956397, AW973447, AW959469, AW964737, AW960454, AW959582, AW949653, AW949645, AW949633, AW949631, AW949643, AA514186, AW949618, AW949657, AW949655, AW360811, AV701839, AW752082, AW753053, AW177440, D80268, AW966023, AW966389, AV718530, D80302, D80251, D80241, AW973465, AW966379, C14429, AW178893, AV700889, AW960504, AW960564, AW965176, AW969746, AW949630, AW966329, AW966377, AV718487, AW377671, AW375405, AV718681, D80439, AV719913, AV654329, AV699669, AV655880, AV701004, D80247, AW975623, T03269, AW179332, AW960570, AV719628, AV699652, AW177731, AF139813, AF084557, AC003025, AC004228, AX027925, AX033851, AR070327, AB028859, AJ132110, AR087649, A84916, AX047063, AX047064, A62298, A62300, AR008278, AR018138, AF058696, A82595, AX021518, AR060385, X67155, Y17188, A94995, D26022, Y12724, AX035434, A25909, AB002449, AX028130, AX020191, A67220, D89785, A78862, D34614, AJ302649, AX020190, AR008443, AX047062, D88547, I50126, I50132, I50128, I50133, X82626, AR016808, AR066488, AR016514, AR077702, AR060138, A45456, A26615, AR052274, AR074139, Y09669, AR025207, A43192, A43190, AR038669, AR066487, AR074136, I14842, A30438, AR066490, AJ294956, AR054175, D50010, I18367, Y17187, A63261, AR008277, AR008281, AF260572, X64588, AR008408, AR091537, AR062872, A70867, AR093385, AR016691, AR016690, U46128, AR074545, AB012117, AX015396, I79511, D13509, A64136, A68321, AR060133, X68127, AJ287395, A85396, AR074141, D88507, AR066482, AX042372, A44171, AR088705, A85477, I19525, A86792, X93549, U79457, AF123263, AR032065, AR060382, and AR008382.
HUTAD91	310	789688	1 - 499	15 - 513	BF965807, AV685993, AA150787, BF971054, AA147514, AV683322, BF688513, BG107778, AA099345, AV724899, BE812238, AW975316, AF083068, AX008894, AL050034, and AC006255.
HKGDES8	311	790091	1 - 518	15 - 532	H12041, R13858, H05358, Z46111, T94956, F07044, F05720, AA454139, AL526738, AA287162, F05717, AW601999, BF575540, AA448686, AW373077, AK001328, AL136125, and AL122084.
HBIAW78	312	790219	1 - 1037	15 - 1051	AL514332, ALS36830, ALS35522, BG113578, BE790102, BG251666, BE274244, BE544087, AU119954, AV750996, BF527939, BF961404, BE006066, BE144607, BF215713, AA489325, AV647447, AA306990, AA322361, AW955025, AA146767, BE147938, BF853343, BF238369, AA402007, R25971, BE865440, R29542, AA503433, BE865363, BE618234, W88970, BE618770, AL567713, BF694101, AV646465.

HTOIC11	313	790634	1 - 902	15 - 916	AV646618, AV646651, AF078849, AF181992, and AK001081. AL523818, AL515916, AI003763, BF853876, AI884669, BF341886, AW964073, AA257165, AI701716, AI668925, AA346322, AA642712, AI934554, AI401259, AI363419, AA715044, BE825965, AI611190, AA760750, AW140054, BE825961, AL522818, AK025955, AK022743, AL031716, and AL031008.
HNTRM40	314	790790	1 - 432	15 - 446	HO9686, AL037822, R35089, AL037802, AV752654, AV754822, BF212250, BE564130, BF967422, AU119704, AV753730, BF184625, BE168318, BF213048, AW296231, U96750, AF202543, and AK021882.
HSKAY30	315	790807	1 - 1719	15 - 1733	BG254949, AA523696, AI693488, BF983882, BE783010, AW082970, AA847735, AA504846, AI525023, AW771022, BG023824, BG260412, AA331650, and AK024639.
HSSJN12	316	791489	1 - 491	15 - 505	BE744656, BF875090, BE736886, AA347493, BE837723, BF772194, BE837781, and AB002335.
HTFBG93	317	791501	1 - 470	15 - 484	AL522953, BE790527, BE394934, BE791897, AA769247, TY7494, BE837545, and AL031320.
HCHOO84	318	791776	1 - 1250	15 - 1264	AL530086, AL518462, BF435744, BF447607, N62931, AU147014, AU150965, AW069065, BE813285, AA908771, W60768, AI884492, BF939732, AW341210, AI870977, AW952157, AI333834, AW138263, AA971553, BE218074, AI921995, AA039992, D60225, AA039937, D60356, AI741709, AI088942, AA970111, AI151230, AA825342, AI191038, AI285234, N29706, BF221801, AI032842, BF509341, AA705221, R37647, BF476232, D60227, AI951862, AA854144, N56713, D45331, AI186560, D81526, AA319580, D60224, BE550645, T98202, D81364, R40429, T23823, T98203, AA091871, ZA1754, F04521, R25601, BE085502, F32155, R26997, R63501, F01808, AW079908, AA910798, AL514129, AW274192, AL514919, AL513755, AL514473, AL514627, AI620639, BE047852, AI537677, AL514691, AW827289, BE048071, AW673679, AI491852, AL513907, AL514015, BE018334, AL049085, BF527014, BG031815, AL045500, BE895585, AW087445, BF341801, AL513991, AL514791, BG164371, BF812933, BG120816, BG180034, AW150578, BF338723, BE876033, AI702406, BF970449, BE874133, AW827276, AL514063, AL040243, BG058398, AI815855, AI536638, AI499463, AL121365, BG252040, AI275175, AI439745, BG118199, BF792469, AI524671, AI433976, AI269862, BF795712, BE963035, AI500523, BF791874, AI433157, BG252929, AI539771, BE047952, AI500659, AV682521, BF726297, AI815232, AI590227, AI284517, AW071417, BF792961, BG179993, AI866457, BG036846, BG032208, BF038131, AL043981, BE887488, BE904178, AL514047, AL513553, BF812438, BE888745, BE877769, BG163618, C16221, AL513757, BF344031, BE047738, BF727092, AI284484, AI802542, AL513763, AI624279, BF794994, AI554484, BF726322, AI612913, AI620284, AI491776, BE047737, BG178130, AL514721, BG257535, AL513693, AW827249, BF971016, AI636445, BG110517, AW104724,

AI637584, AI857296, AL121270, AL513631, AI539153, AW151485, AI564719, AI624206, AW008048, AI630928, AL514087, AI619502, AL515413, AW026882, AI440239, BG112718, AI590415, BF812938, BE905335, AL513597, AI922901, AV717299, BF793324, BG249582, AV758209, BF812961, AI536685, AV735353, AI064830, BF868489, BF983030, AI610402, BG222103, AW071349, AL047763, BF726001, BE172767, BF970731, AW129659, AW151138, AW117882, BE619240, BE894455, AI783504, AL045266, AI251485, AV757455, AI583065, AI521012, BE875407, BE048081, BG026194, AI445237, AL119791, AI318280, BE612435, AI926790, BE048135, BF725868, AI627360, AW827175, BE048179, BG034554, BG168185, BG110684, BG260037, BG113662, AI571909, BF339594, AI349598, AI513999, AV734747, AL513943, AI828682, BF968205, AL513911, BG109270, AK026858, AK001449, AF119899, I89947, I48979, AF314091, AL110221, AF113694, AF090943, AL442082, AF111851, A08916, AL359596, AL133016, AF017152, AF116646, AF116631, I89931, AF116691, AL050138, AL137557, AF118070, AL133075, AL157431, AL133557, AF116688, AK027096, Y11587, AF090901, AL389982, AL162083, AK025084, AF113019, AL096744, S68736, AF090934, AL050149, AF138861, AX006092, AL050277, S78214, AK000618, AF130104, A08913, AL122123, AF116644, AF113691, AF113699, AF130092, AF158248, AF111847, AL050393, E07361, AL110196, AK026744, AF130105, I48978, AF113690, AF104032, AK026865, AF119875, AB048953, AF119878, X84990, AL359601, AB019565, AX019230, AB048964, AL133080, AF130059, AL133640, AL049452, AF130082, U42766, AF090900, AK026855, AL049314, AJ242859, AL050146, AL122093, AL133606, E03348, AF113689, AF130075, AF116602, AR079032, AL080060, AK026504, AL122050, AB041801, AK025339, AK026045, AR059958, AL080124, AF090903, AF116649, AL050116, AX019229, AF113677, AF113013, A77033, A77035, AK026741, AK000212, AL162006, AL117460, AL117457, L31396, AF078844, AL050108, AF090896, AL080137, AF091084, L31397, AF116639, AL390167, AF219137, AF125949, AL442072, AK025092, X63574, AL137459, AF113676, AF106862, AF017437, AF118064, AL133093, AX046603, AL389978, AF218014, AB047615, AK025958, AB049758, AL137527, AL122121, AL049938, A93016, Y11254, AR011880, AR087170, AK026592, AK025772, AF177401, AL133565, AL359618, AJ000937, AL049466, AL359941, AF125948, AL110225, AK000137, AF207829, AK026533, Y16645, AK026608, AK000083, AL133560, AK026927, AL117394, AK024538, AB051158, A08910, AK026647, AF119909, X82434, AL137283, AL117583, AF242189, AL137550, AF130066, AK000445, AK026583, AF116682, E02349, AB048954, AK026534, AF146568, U91329, AL117585, AK000652, AF079765, AL162062, AK026784, E07108, AK025391, AK025491, AK026452, AK027113, AL049382, AB047904, A65341, AK026542, AL359615, AL353940,					
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						AK027204, U00763, AL049430, AL049464, AK026959, AK026532, AF130077, AF225424, AF097996, AJ238278, AL049300, AB052191, AF119871, AF177336, AK000323, AL117435, AX026824, X026823, A58524, A58523, AF260566, A08909, AK026086, AF130087, AK025414, AF183393, AX042059, Z82022, AK025967, AL122110, AF130099, AB052200, AK026353, AF271350, A12297, AF067728, AK026480, AF116610, AX015915, U72620, AK000614, AF118094, A03736, AK024524, AL137271, AL122098, AL133113, AK000432, X70685, AK025524, AF175983, AL137538, AF130110, AL050024, AK027164, AK025484, R16149, R37133, H14818, H92203, N66104, N98707, AA027312, and AA27443.
HE8OX93	319	791839	1 - 663	15 - 677		
HOFMV90	320	792393	1 - 1903	15 - 1917		AL527021, AL526200, AL526350, AI050883, AU134117, BG026013, BG259988, BF033515, AV716795, BE439902, BG179153, AL042527, BF304912, BE538799, BE382941, AU139020, AV712482, AI309770, BF978297, BE645313, BE787686, AV716214, AA311634, AV734344, BE960641, BE961125, BF573492, AW965265, W73750, AA401968, N35837, AI742995, N36891, AW971144, AV733417, AW517372, AV711971, AI041584, AW971147, BF310776, BE247208, AW952915, AA082936, BF928266, AA493138, N99449, AI034056, N46165, R52971, AA401865, H10638, AA402092, BE780248, AA780421, AW608404, AA306957, BG169769, AI590139, H00105, AA083025, AI092921, H08013, AI628586, BE177337, AI935506, BE246188, AW517668, AW373342, AA224056, BE046992, H13899, AA342921, BE770564, AI816971, AU150195, W73812, AA336365, AI522277, D53529, AU154142, BF999012, AU157858, AI375080, AU155221, AW167257, AA155723, N26439, AU144469, AW380567, D62082, AA375213, BE244104, R19026, D81795, AW858988, BE246253, AI095132, N24634, AI277653, AA330335, D61867, AW467017, AI683850, AW293986, AI074423, AI620479, AI738927, AI884521, AI092588, AW104036, AA331411, AI421502, AW189872, AI338456, AA135131, AI753960, AW590921, AI624639, AA471321, AI708833, AW589398, R52972, AA989469, AA721635, AA136512, BF964608, AA090730, BE715023, BF106291, AA045168, AI700880, AW132016, AA620323, AA401653, N88865, T25958, H10639, AI469001, AA889498, R30679, AV759628, D60491, N84400, R44097, AI170811, AI125850, AA248434, AA091440, AA585404, H05034, N71576, T17227, AI568236, AW858995, BF687898, W47457, D29149, H07917, AI929565, AL117566, AK002159, AF046024, AB012190, and AF077330.
HTEFV95	321	792575	1 - 561	15 - 575		AA173831, AA034149, AW962438, AI925174, AA173779, AA366630, AA034150, AA360960, BF309923, AF041449, AF099929, and AK022448.
HETJA44	322	792627	1 - 811	15 - 825		AW836230, BE158913, AA329381, BE167153, and AW856475.
HE2DR93	323	792628	1 - 847	15 - 861		AA418082, BF510463, AW467395, BF854199, BE645470, BE855594, AI952246,

HAJBT15	324	792938	1 - 1382	15 - 1396	BF853588, AI094404, R09112, Z12841, and AF045454. AU131406, AU141725, BG163897, BF347918, BF346907, AU122008, BF975998, BE891861, BF663133, BF664526, AI819377, BG164313, BE617220, BF983352, AW961647, BE617116, BF726997, BF347745, BE384672, BG031017, AU129365, AI831967, AA488219, BF662863, BF725683, BE392172, AA738492, AI640490, AW961648, W22839, AI992171, AA854213, AW163566, BF111424, AW961641, AW163568, AA678324, BF203809, BF771379, BE744165, BG013365, BF109059, F07379, F37155, T56819, AW452233, AA323153, AA044212, AI470388, F28906, AI338151, BF927951, AI671891, AI565261, BE392966, BE545940, AA934966, BF772163, T91185, T53324, T84157, AK022317, and L31783. BE741265, BE312413, BE745699, BE733480, BE737309, BG118733, BF311514, BG120868, BE313907, BE780900, BG163371, AW071761, BF206573, BE269413, BE396552, BE746313, AI831605, AW167551, AW301113, AW080934, BE884756, BE269971, AI871908, BG115974, AI400607, AA610308, BE514333, BE262303, BE269640, BE397496, AA308486, AV710504, AI359438, W17314, AW006373, BE543973, AA748535, AA613105, AA858196, AA552239, AA808351, AA865656, AA252191, AI206006, AA307614, AI362958, W92610, AA856552, AI223781, AI318256, AA317879, H63355, AA748698, AI313332, AI363160, H08800, AI349795, AI348900, AW268739, AV737162, AI249393, AI224288, AW269073, AA748697, N78942, AI142521, AA775898, AI094210, AW798313, W95235, AI031635, H06255, AA252190, H87140, BE789797, AI640394, AW296500, AI220261, AI246242, BF438631, AA356102, AA767679, AA761033, R36895, AI358153, AW007922, AA811788, AA992865, AA299716, AA953952, BE514515, BF214503, AW451143, F30133, BE041924, BE535691, BF215139, F36531, AA613122, AI583498, AA299992, AA299715, AW192973, AI457450, BF952078, BF206656, BF214871, AW351886, AW351888, BG236825, AI305300, AI308609, BE042236, AI318574, AI345152, C02485, AI311246, AI340868, AI252028, AI284831, AI349755, AW072504, H08877, AA635481, AK026104, AF151076, AC004832, and AC005585.
HDBAD63	325	793148	1 - 1126	15 - 1140	BG033816, BE906522, BF688514, BE727928, BF038689, BF315341, BF341913, BF692375, AL533958, BE563977, BE384582, BF125330, AW674780, AL527387, BE933599, BE388832, BF685907, BG167409, AW391980, BE734897, BF342476, BE765142, BF724371, BF929837, BE737113, BE890522, AI554624, BF751581, AW401574, W76458, AW411042, AV690680, BF691173, BE385234, AI313133, BF309365, BE892657, BF026973, W61124, AV748279, AA357067, AW360837, AV753587, AV690264, BE729633, BF819088, BE739848, AL138163, C18294, AW753259, AI533091, AA852415, AL526711, BE383081, T35790, BF306138, AL533957, AV750893, AA331917, BE167364, T35980, AI909669, T30710, AA115838,
HE8QH85	326	793204	1 - 532	15 - 546	

						AW361222, T32095, D55453, BF793313, BF969633, T35190, Z20579, AL519116, BF689897, BF340874, T08329, BF948641, BE299943, BF969734, AL533092, AA378552, BE394599, BE730613, BF755208, BE930119, BF093266, N56257, AL526677, BE932377, BE891065, BE939262, AL517207, R08104, T84898, N45490, BE870288, AL530651, BF934105, T32049, AW379679, BG167755, BE720471, AA225936, AF128528, AF126181, U92544, AF128527, Z98046, AJ277114, AF148815, A75460, and AF320907.
HAICU52	327	793373	1 - 1136	15 - 1150		AL526154, AL524709, AL523425, BE344298, AL523426, BF306790, BE544293, BG177191, AL524642, AL524641, AL530280, AL525941, AL524710, AW411029, AW964098, AL528560, AA535031, AI628434, BE677815, AI911127, BF001389, BE669506, AW275368, AW083365, AI459053, AI529164, AI700697, AW991515, W25488, AL529163, AA321496, AW991379, AA357110, AI433067, BG252187, W19325, AI279622, AI638823, AI671554, BG057262, BF307602, BF796767, AW411028, AA894653, AA374390, and AL530279.
HEGBJ49	328	793433	1 - 1949	15 - 1963		AL515827, AL515826, AL515466, AL119219, BG105611, BE780167, AV715361, AL538016, AV650881, BF980128, BF980045, AV650886, BG257556, BE783853, AA524019, BF341382, AI140326, AL515465, AV756884, AV649635, BF979747, AI457836, BG028526, BE884906, AI813685, BE789320, AV711501, AI185629, AA403195, AW028038, AI820046, AI808798, BE395601, AI094821, AA703293, BF979508, BE834481, BE779514, BE178346, BE178031, BE178177, BE539269, AI633143, BF197142, BE178004, AI816930, AI905561, AI096795, BE178023, AA447266, AW273999, AA234459, AI703330, AA706011, AI829576, BE936920, BF966456, AI347915, AI889382, AW173635, AI423124, AA725548, AW172746, AI140084, AA453099, AA236583, AI458404, AI400126, AI131485, AI436783, AI936016, BF576243, AW662463, BF240101, AW196824, AW473640, AI694031, BF512775, AA809134, AA116134, BF433366, W03419, AA976311, AI927986, AW190800, BE718224, AI985477, AW080021, AI458412, AA315065, AI090025, AL532665, AA101072, AA883532, AW467740, AI446055, BE178179, AI888105, W58544, BE543902, AI264004, AW954289, AA453538, AA082742, AA164718, AA642442, BF575440, AI310082, AW162771, AA279735, AW296315, AA448291, AI139289, AI823697, AA448220, BF243182, BF223307, AA227816, AI134131, AI041884, AV708050, AI422542, AI040174, AV655144, AI079649, T79246, BF438880, W58509, AV649699, N52069, AW419337, AI264008, AW296596, AA448431, AI811217, BE220570, AA349640, AI341524, AV757359, H92809, N72857, AA234446, AW050477, N66494, N57501, AA860306, W68441, BE931918, AI282140, AI674801, AV651160, AV649813, AA234068, N91425, AA806011, AW204791, AA614788, AI368226, AA164980, T08107, AA227990, AI284230, BF028962, H97585, AA480805, AW085005, AW768944, H06332, AI636532, AA204754, W47140, AI375979, H18564, R17372.

					<p> R68285, AI143372, AI143824, AI350596, N69397, R68327, H58117, AI693361, AI372502, H92810, AI372501, AW161983, T79164, N42644, T86831, BF327067, H84167, AA116135, W47189, R62737, F12159, AV656965, AI014919, AA370192, AI240409, N36508, R62680, T36305, T29921, Z45137, AI283686, AI971207, BF572989, BF382822, Z42764, AI739397, H29421, AA255770, H29328, T33043, C01688, Z40868, AA329363, BF209254, R62627, R37355, AI700917, W68349, H67816, AA810382, N36465, AA206912, F04284, T32343, R09714, T06111, AA678435, T09186, AA838580, F09794, R13442, AA507019, W03079, T30254, AA256964, BF988817, N47646, AW194665, AA448363, AA729248, AW572990, AW515496, H18457, R42723, T36276, T66322, AF125102, AK026613, AF068291, AB041568, I48978, I48979, AI137480, AX019230, AK026784, AF116688, AK026741, I89947, AL122050, AL137557, A77033, A77035, AF119899, X81464, I33392, AF130105, AF090934, AF119909, AF097996, A08916, AR038854, AL110196, AF111849, S78214, AF113013, AK024594, AF185576, AL133606, A08910, AL049283, AX019229, AF130082, I03321, E06743, Y16645, AL133640, L31396, L31397, E02221, A08909, AL389939, AL353956, AK000618, Z82022, AK027164, A08913, AF116631, AF087943, AL117460, AF090901, AK024538, AK026480, AK026744, AK025491, AL110280, AF111851, AX040974, AL050277, AK027081, AK026542, AK026647, AK026462, AL442082, I89931, AB047941, AL122098, AF262032, AF146568, AF056191, AF106862, AK027096, U58996, AL133075, AF130099, U42766, AF151148, A65341, AL137550, AK025339, AF079763, AF260566, AK026528, AR075044, X70685, AK026947, AF017152, AK026927, AK026408, AF116691, AL137478, AJ299431, AK025084, AF183393, AR079032, AK025465, AL133560, AL080124, AK027113, AB052191, AF130055, E05822, AF177336, AK025209, AF217987, AL050149, AK000323, AF177401, A08912, AF079765, S61953, AR013797, AL049430, AL023657, AF106657, AL390167, AF111112, X72889, AR087170, AL049466, AJ000937, AK026045, AK027146, AF113222, AF116602, AL110221, AF061795, AF151685, AF130110, AK000614, AB047887, AR000496, U39656, E02349, AK025524, AB049758, AJ003118, AL117440, AF090896, U35846, AL137521, AK026534, AR011880, AF078844, AL122110, AF113690, AF113019, X82434, AL137526, AF159141, Y11254, AF119896, AK026583, AK000137, AL137271, AL049314, AL133081, AK026959, AK025414, AF116646, AX020124, AF090900, AF125948, AL050108, AL050393, AL389982, A03736, AF026816, AF008439, AF130104, AF113694, AL049452, AL050024, U67958, AB048919, AF116644, AK027213, I17544, AL133557, AL122093, AB048974, AK000083, AK026506, AL096744, AF285167, AL162002, AL359941, AF113699, AK000445, AL049382, AX045627, AB051158, AL162006, Y14314, AL050092, AK026532, AL137463, AF067728, AX042059, Y11587, AF119878, AL080159, AF116610, AL162003, AF162270, AB047904, AL137459, </p>
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HE8TJ39	329	793553	1 - 655	15 - 669	<p>AL133665, AF130092, AF153205, AL157479, AK027160, A93350, AL117457, AL050116, AL133016, A45787, I66342, AX010492, AL050146, AF111847, AL442072, S68736, AL050138, AF067790, AF091084, AF116676, AF113677, AB048953, AB047615, AL359596, AF116654, AK026630, AL359601, AL137529, AB050431, I09499, AF130077, AL137533, AF061981, AL080148, AF208850, AL117435, AL389935, AK026855, AK027114, AK024992, T86639, T98493, R14656, R45634, R45634, R63690, H84168, N62537, and N79434.</p> <p>AA644279, AA706993, AA419625, AL377279, AL017956, AA305154, AA552468, AW973197, AA583582, BF035298, F17632, AL361845, H11488, BF928543, AW103973, AA483284, AL359763, AF139625, AC011811, AL158167, AL022476, AL034423, AC011442, AC004125, AC009086, AF000356, AC073316, AC008537, AL022336, AC015651, AL133320, AC007969, AC008985, AC020904, AC009073, AL034549, AL354696, AC002312, AL050335, AC005098, AL354864, AL035419, AJ246003, AC002350, AC004531, Y10196, AC008569, AC006483, AC007151, AC004166, AP000555, AC002400, AC002070, AC008273, AC018639, AL353748, AF001053, AC007537, AL139327, AC009123, AL121891, AL121652, AL121658, AC004966, AC005488, AC002300, AC009145, AC005755, AL139100, AC011464, AL132795, AC008009, AC009060, AC010422, AL022721, AL096870, AC006480, AL034372, Z99943, AF053356, AC004560, AF243527, AL109627, AC002550, AC007225, AC002425, AC016543, AL109743, AC004491, AC005512, AL049576, AC008482, AC009244, AC005911, AL009179, AC007842, AL023284, AL033527, AC010789, AC006241, AC004098, AF001752, AL020997, Z84469, AC016526, AL133211, AP000553, AL049569, AC005183, AC010358, AC011475, AC010311, AC006111, U95740, AC005015, AC006312, U47924, AF139813, AL034420, AC007685, Z99716, AC006966, Z83840, AC004765, AL049832, Z99128, AC007955, AL139396, AC005920, AC003025, U96629, AC005409, AC007057, AF109907, AL022320, AF001727, AC005088, AL031291, AL035086, AC004859, AC002492, AC008736, AC018755, AL121601, AC027644, AC005914, AC018738, AL000877, AC006071, AC004167, AC005924, AC007325, AL021707, AC011495, AC007956, AL034380, AC005704, AL080243, AL157827, AC011450, AC004973, AC020916, AC004983, AJ277557, AL118520, AC002369, AC006001, AC018644, AC007285, AC005071, AC005520, AC003957, AC007954, AL158830, AL049829, AC011311, AC005081, AC021752, AC005522, AC003010, AC002365, AC024571, AC027319, AC009087, AL080314, AF001725, AF047825, AC007957, AL137162, AL117381, AF001719, AL157938, AL023807, AJ277546, AC007298, L44140, AF024533, AC005103, AC010489, AF067844, AC005832, AL117258, AF003626, AC078889, AC004965, AL034429, AL450226, AC007055, AL022318, AL078461, AL021391, and AC018663.</p>
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HFIBG92	330	793632	1 - 1130	15 - 1144	BF967569, BE740975, AL523168, BG027905, BE899602, BE349577, BF185827, AA722787, AI953947, AA424105, AI525622, BE736451, AA258555, AW872903, AW156923, BE792564, AW268186, BF725541, AA807637, AA026923, AW137707, BE392140, AA634048, AI521022, AI635097, D29498, AA319186, AA926947, AI783924, AW954761, BE676951, BF987322, AL026922, AL523169, AI094096, F32449, BF219494, BF216090, BE273865, AA424054, BF476007, AA330955, AA355059, AW057948, AW243598, AA304588, BF589809, BG151514, AI609125, BG122341, BE676944, AL570736, AA641443, BE140753, BE006404, BF967494, BE815118, BE842856, AW162176, BF725542, AW239215, BE676945, BG035464, BG119105, AF159442, AF097738, and AF159850.
HDPBJ94	331	794297	1 - 469	15 - 483	AI970509, H23104, N45556, AL040461, AJ003449, AL078614, AL137712, AL139008, AL109748, and AL163204.
HPIAX11	332	794354	1 - 1369	15 - 1383	BF971376, BE879463, BF686451, BF978313, BF345131, BG107146, BE789873, BE156256, AW955131, BE541602, HI6422, BE778233, BE177218, BF889194, AA312500, AA491370, H96397, BE706959, AA452643, H00754, AA354863, BE892837, N46768, AA319616, AW971090, AW601929, AA508905, AW601956, T69203, AW601901, BE515196, AI077759, BE763783, AW403746, AI299904, AA894404, BE707609, AW869103, BE079404, BF888077, T77850, AW391033, BF374109, AA778928, BE394658, BE222919, BF47648, AW118121, BE550919, AV753221, BE085498, BE831059, AW070649, AI271452, AK000823, and AL031427.
HBMW9 5	333	795325	1 - 625	15 - 639	AA057799, AV758213, AV744690, AV744662, AV741198, AV742048, AW179332, AW366296, AW375405, AW752082, AW753053, AW177440, AV742001, AV742022, AV701335, AV701043, AV701332, AV701017, AV701248, AV741191, AV701431, AW360811, AW973470, AW377671, AV744012, AW178893, AV742667, AV701125, AV701166, AV701357, AV742430, AV701149, AV741187, AI905856, AV742720, AV744004, AV744006, AV743601, AV701123, AV701130, AV701154, C14389, AW966560, AW179328, AW975618, AW966053, AW966029, AW966075, AW375406, AW966065, AW960465, AW973334, AW966399, AW966531, AW978634, AW378534, AW966534, BF349328, AW966369, AW973490, D58283, AW966022, AW377672, AV744770, AW179023, AW178905, AW966333, AW959799, AW966059, AW966013, D59859, D80022, C14331, AW966041, D80166, AW973474, AW966330, AW973473, D80195, AW973445, AW975621, AW978648, AW966385, D80193, D59927, AV741012, AW975613, D59467, D51423, D59619, AW966388, AW978661, D80210, AW178906, D51799, AW965163, D80391, AV720151, D80164, D59275, AV720533, AW960553, D80240, D80253, AW973541, AW966030, AV719822, AV720791, AW964766, AW966054, AV718489, AV720203, AV718692, AW964756, AW966050, AV719188, AW973307, D80043, D59787, D80227, AW973468, AW966062, AV719324, AV718440,

					<p>AV718938, AV719783, AV720028, D59502, AW959597, AV718633, AW959628, AW960473, AW965177, AW975605, AW966378, AW959570, AV719468, AV718800, AW973423, AA305409, AW965185, AW965197, AW965196, AW973485, AV718707, AW965184, AW973488, AW966386, AW965175, AW966400, AV720211, AV718931, AW962395, AW966368, AV720878, AV718844, AV720464, AV719557, AV720616, AV718770, AV720731, AW966332, AW966331, AW973482, AW966398, AV699447, AW378532, AW966397, AW966380, AW958992, AW958993, AW966390, AV722801, AV723927, AV724520, AV721784, AV699866, AW959136, AW956397, AW959062, AW964477, AW956434, AV699550, AW964488, AW949641, AW962082, AW949656, AW964468, AW949630, AW949654, AW964532, AV699927, AW949642, AV739950, AW959202, T03269, D81030, D51060, AW949632, D81026, D80269, C14014, D80212, D80366, D80196, D80188, D51022, D80248, D50979, D80219, D80522, D50995, AW352170, AV738340, AW973447, AV701443, AV701419, AV701422, AV745080, AV744934, AA305578, D80038, C15076, AV742671, AW377676, AW352171, AV723097, D57483, AW966379, AW966043, AW177731, D59889, D80133, AW178907, AW753041, AW178762, AW962245, A94995, Y12724, Y17188, AX028130, AR087649, X82626, A84916, AX020191, A67220, AX047063, AX047062, AX047064, D89785, A62300, A62298, AX027925, AB028859, A78862, D34614, D26022, AJ302649, D88547, AJ132110, AX033851, AR070327, AR018138, AX021518, AR008278, X67155, AX035434, AX020190, AF058696, A25909, I50126, I50132, I50128, I50133, AR025207, AR008443, AR066487, AR074136, AR074545, I18367, AR074139, A43192, A43190, AR066488, D13509, A82595, AR016514, AB012117, D50010, AR060138, A45456, A26615, AR052274, AR038669, AR008408, Y09669, AR060385, A30438, AB002449, A85396, AR074141, D88507, AR066482, A44171, AR088705, AX042372, AR060133, and AR008382.</p>
HUSJ83	334	796477	1 - 1109	15 - 1123	<p>BE299536, AW410054, AA029709, BF725048, AI185838, BG028965, AW993833, AW607584, AW150237, BG236373, AA972593, AW169689, AW090826, AI858996, AI565091, AA761356, AA768292, AI188109, AW614806, AA827689, AI687658, AA908721, AI633546, AJ687676, AJ287857, AJ288342, AW953241, AI290467, AW170763, AI200723, AI318408, AI458268, AI955558, AA677209, AI205277, AW167207, AI951025, AI934191, AI393399, BG028292, AI758328, AI289811, AW798324, AI351976, AW510522, BF593808, BF857062, AA699748, AW367992, AA913325, R02139, F08977, R39345, AA404220, AI914359, AI698406, AA404686, AI911043, AA767506, AA593292, R02435, AA903530, BE300377, AI862968, BF950755, R26023, N26911, BF832096, BF083877, AW939011, BF216118, AA029641, AA350367, AA383715, BG118825, T79981, AI884411, AI497875, BF305629, BF307808, BE645399, AA350368, BE149550, AA323658, and AB028741.</p>

HBGDP38	335	796622	1 - 483	15 - 497	T58354, and T58399.
HTXBC55	336	798103	1 - 982	15 - 996	AL522930, BF446693, AI869988, AW295294, AI871020, AI291088, AA424317, AI922729, A W081155, AI357811, AI683996, T16074, AI802787, AI811165, AA451751, AA683352, AA877970, AW298706, AI091074, AI528797, AA679407, AA262395, R39774, F37288, AW583965, BE247730, F31394, AI337442, AI862988, BG059596, R01000, AW958999, AW264098, AI865004, AA257153, AW293693, AA257062, AA213899, AA204683, AI867617, AA360510, BF669948, R00999, T15823, H18863, AI572426, AW168778, AW972279, AI758538, AI439664, AI610671, AI924051, AI309306, AW025279, AI096771, AI669864, AI539560, AI950877, AI372009, AW151974, AI625444, AI923989, AI568138, BG114901, AI886355, BF337541, AW150750, AW129160, AI433611, AA480074, S63521, AF119899, AF171061, AF093119, AK024978, AR081734, AI137459, AF308801, AF118094, AF113694, U42766, AL161995, AL050172, AL049430, AL080110, AX015416, AK026959, AY007109, AF227198, AK025375, X52128, AF090886, S69510, Y09972, AL133560, AB050431, AK024855, AF130110, AR055519, AR005195, AK027121, AK026659, AF090900, S82852, AJ010277, AB052191, X57961, AF116698, AK027173, AK027181, AF130089, AR083283, AK026642, AK027260, AK000391, AR053103, AI2522, AK026356, AF028823, AF069506, AK027188, AL117435, AL161954, U02475, AF081366, S69385, AF118558, AK027142, AL137259, M79462, AL137479, AF161418, AF119896, AK026624, E01812, AX015425, AL096751, AF140224, S66283, M85164, AL133029, AL137465, AK025414, AB048975, I22020, AP001857, and AP001857.
HFXXGI63	337	799513	1 - 2506	15 - 2520	AU132633, AU119136, BE799425, BE780992, BE793190, BF217040, AA779388, BG028776, AA199859, AA779718, AA664343, AI751072, AU152580, AW962822, AA633737, AA355825, R20381, Z42654, F08207, F02149, AI609972, AW500029, AI732151, AA199929, AW779609, BF681619, AW270768, AW819125, AW069227, AI291037, BF946053, AW237905, AW271917, AA504818, AW468372, AW572721, BE301584, AI357823, AU152561, BG222813, AA584484, BE062476, AW190505, T06202, BE062478, AL079734, T74524, AW080811, AI732120, AW963463, AI249683, BG010084, AA829065, AA704393, AA487226, AI754037, AI612142, AA904275, AI564185, AI017251, AI049630, AL138329, AI634187, AV756491, AI445883, AI753365, AW674258, T57767, AW963444, AA630854, AW969941, AV710045, AA527209, AW191886, AW873261, AI251576, BF991208, AA558404, AA536040, AI859946, AW028429, AI583252, AI753672, AI446205, BF743814, AK025915, AK001590, AB046624, AC007792, AC011465, AP001753, AC007619, AC007055, AC026805, Z95152, AL117382, AL049569, AL031431, Z93016, AF019413, AL021578, AF053356, AL050349, AF314058, AL450226, AC004771, AC007384, AL133274, AF168787, AL121712, AC009123, AC006241, AC020904, AL020996, AC007292, AC008264,

					AC012667, AC004906, AL137039, AL122020, AL022476, AC011510, Z54246, AL445705, AL050335, AC002365, AP000502, AC005180, AC006111, AL121753, AL121601, AC005038, AC021752, AP001728, U95740, AC007725, AL031685, AC011469, Z97053, AP001054, AC004650, AL023653, AL022323, AL050318, AL031388, AC083874, Z85987, AL033547, AC005703, AL035683, AF139813, AP001752, AC008119, AL033527, AC009238, AC004655, AC006966, AC010605, AL359704, AC003010, AL031737, AC003043, AL035447, AC006126, AL034419, AL049766, AC002549, AP000010, AC005914, AC009075, AC007011, AJ009611, AC008277, AL161627, AC018716, AJ011930, AC010463, AP000115, AC009242, AC009016, AL031984, AP001711, AL022311, AC011497, AL033529, AC005625, AP000344, AC004526, Z97183, AC008747, Z93023, AP000212, AP000134, AL135818, D86991, AL445490, AC010087, AC003982, AC007057, AL049759, AC011473, AL133500, AC006480, U95090, AL161666, AC002316, AL109984, AL136304, AC022407, AC006597, AL035669, AL022721, AL133507, AC007676, AL138836, AC007193, AC083861, AF258546, AC010206, AC005015, AL096814, AC005746, AL080249, AC011479, AC000134, AF195953, AC002350, AJ009616, AC004668, AC004832, AC005790, AC005535, AL031432, M26434, AL137067, AL137073, AC007782, AL031985, AC006132, AL031680, Z98304, AJ400877, AC005632, AC011490, AC009244, AL121585, AL079295, AL445483, AL163283, AC024561, AC008812, AP001743, Z93096, AC025593, AL022162, AP000030, AC010422, AC005513, AL031595, AC004104, AP001067, AL132653, AL009178, AL035462, AC007421, AP000356, AC008736, AL356747, AC007220, AC026704, AC004099, AC007277, AB016897, AL138759, D87002, L78833, AC016898, AC020917, AC008403, AC006468, AC006530, AP000555, AC007597, AC002470, AP001052, AL022165, AC009086, AL031281, AF067844, AL365271, AL022313, AL157838, AL034423, AC002070, AL117335, AC008745, AL355392, AL020995, AC0073593, AF235098, AC005920, AL137162, AL139327, AC008265, AC004644, AC002978, AC008687, AL355386, AP001712, Z83844, AC002119, AC004659, AP001714, AC005071, AP001504, AC011442, AL008726, AL135912, AC004125, AC004596, AC002554, AC011527, AL117380, AC005099, Z82215, AL035071, AC004472, AC005839, AC009721, and AL356392.
HAMGW1 9	338	799889	1 - 753	15 - 767	
HDPTA89	339	800344	1 - 1198	15 - 1212	BF971824, BG106735, BG167306, BG035527, BF037192, BE905217, BF973662, BF339624, AW411508, BF791771, BF568534, BF035520, BE262422, BE728235, BF338876, BG112933, AW404831, BE747455, AA447862, AA314553, BF338801, AW408501, BF223865, AA426192, BE962920, BE382927, BF195273, AI936800,

					<p>AW139128, AI302241, AW960628, BF792336, AI492148, W90647, AA442034, AW615212, AA932579, AA411279, AA086122, BF310765, AA808008, AW404406, AA354073, BE298978, AI187207, BE297403, AI346527, AA938128, AI040261, AA393664, AI440313, H72036, AW612697, AI681334, AA808401, AW130326, AI620631, AI653329, AI147844, BE775069, AA928695, AA868693, AA782611, AI140982, AA732147, AI023036, AI332462, AI457503, AI391483, AA337765, AW402901, AI338295, BE328408, AI094177, AA716049, AA988832, AA236525, AI283828, AI077635, AA336107, AA406297, BE729591, BGI79292, AW020439, BE613362, AI332478, AA425266, BF981518, AI825236, BF588487, R49564, W90622, AI536666, BF477703, BG036255, AW439303, AA257965, R76329, AA435692, AA767813, C06192, AA428346, AA478896, AA434151, AA410850, AA292512, AA257966, AI363037, AW079350, BE392860, AW998469, AA419317, BE958587, N94887, AW612258, BE257453, BG110522, AW998470, BF590761, BF763095, AR044460, U93242, and AL096805.</p>
HSLDO85	340	801935	1 - 806	15 - 820	<p>BE312753, BE880620, BE727427, BE794996, BF311864, BF038611, AW129730, BE259585, BE276712, BG178939, BF793303, BF968281, AA910935, AI870987, BE885540, BE389702, BF316569, BE314482, AA707309, BE257344, AW964530, BE276683, AW090049, BE395893, BF204261, AI569774, BG248285, BE046061, BF828154, BE385110, BE908527, BE208254, BE390965, BF036363, AW088236, AA700721, BF434108, N42222, AI188825, AI222163, AI018526, BF828510, AA425831, AI933135, BF828526, BE294105, AI095476, AA884320, BE727256, AV744200, BF828583, AA428347, BE393331, W22084, AA575839, BE019332, BF204699, AA099520, AA830859, AW007735, AI051338, W44963, F22552, AI302395, AW027217, BG057679, AA224033, AA528053, AA643710, AA588420, AA972918, AI220664, AW592051, AI208521, BE019282, AI301455, AI355465, AI869716, AA651649, N62353, AA099521, AA223969, AV741580, W65318, AW792980, AA904065, T49543, BE205941, W44428, AI207269, AA341081, AA533603, AA576820, AA339390, T49542, AA005085, AA339526, AA320308, BG115142, W65317, AV744092, W44467, AA069720, AA069679, BF798469, BF881370, AA687492, N79115, AI188822, AA339467, AA687436, AI918249, AI686174, AI185985, N93812, AI971744, AA247634, BE207653, AI423844, AA426123, AW050559, AA974812, AW263711, AF161519, AC008594, AC008594, AC040160, and AC040160.</p>
HDQDF38	341	805499	1 - 1970	15 - 1984	<p>AW205873, AA203398, BE513505, W87862, AI032039, AA778879, N98667, AW501990, AW248483, AU144352, AW505433, BE468085, W87742, AI049588, AI361617, AI128707, BE769898, AW206917, W01319, BF910489, BE715627, BF919203, R02569, BF874109, BF939052, AW135278, AA243540, AW975082, AA485181, AA658147, R45576, AA831644, C03505, BF919009, AI247530, BE715632, R63560, AA243344,</p>

					<p>AI904031, BF514869, R63515, AI904032, BE061117, BF823087, R02688, R40166, R4207, BF906534, R44208, AI784098, BF091587, BF734769, T12049, BF380607, C03415, Z42786, BF333680, N7872, N87820, AI560595, AV695516, AA721452, AV697734, AV695724, BF771466, AV695721, BF575896, BE769909, BF903846, BE008310, BE875190, AF208848, AK023258, AK021530, and AI359593.</p>
HUAW69	342	805628	1 - 666	15 - 680	<p>BG114558, BF696827, R66527, H46855, AW583586, R28130, BG030159, BF571367, BF382241, BF677752, BF184956, AA420715, AV735500, R82586, AW327347, BF029990, AW161124, AV744127, BG168461, BF971167, H49687, AI878995, AV710467, BG166970, BF968107, AA522937, BG034696, BG163707, BF213193, H44205, W31692, BF030176, AA285085, BG112033, BE256879, BG031029, BF381820, BF183860, AA479559, BF683278, AI535052, BF793677, BF541112, BF132139, BG113339, AA305038, BF103812, AA428036, BF674463, AA315675, W51849, BF130738, BG028333, BE909361, BF213270, R96272, BF700007, BF664599, BF827777, AA310999, N98945, AA121183, H42256, BF665269, BF977675, T53397, AW083308, BF339338, BE878076, BE047828, BE546966, AA298525, BF032082, BF977978, AA203752, BE879546, W79179, AV747127, AA136783, AW405858, AW130434, AW131295, AW131303, BF540976, AT67547, H51483, AI955122, AW301038, AI422293, BF381764, T54405, AW081643, H50194, AI672869, AW055043, AA416837, BE855465, AA633512, BE788872, AI028278, AI351044, AA296778, AI138248, AI281194, AA296829, AI560983, AA082396, BG149478, AA479535, BF084344, R50013, BE789337, BF218736, AI097413, BF676451, BF887309, BF887298, BF879230, BF879163, AA496596, BE744389, AI056143, AA563931, R47812, BE936616, C02084, BF821422, AA477638, H49594, AA813514, AA910282, BF883168, H45628, H45625, BF477346, BE220255, AI912595, AI301158, AI418360, AA516519, N44055, AA284914, AA843796, BF870347, AA416688, AA046382, AA297953, AA722082, AA705272, BE826706, F25958, AI042242, C02981, AI348253, AI879494, AA055293, BF700730, BF247545, BE826711, AI298347, AI346869, AI302881, AA402862, AW799874, BF344686, T52195, AI184088, AA420761, AW236255, AI814753, AA862704, R82587, W74425, AW438834, Z32877, BE834154, AA719502, AI073646, BG026325, AA580072, BF792335, W52111, BF879420, AI718735, W04524, R66528, F30163, AI301336, AA976549, AA136667, AA992419, AI339223, AI866642, AA873692, AI338648, H46769, AI264131, AA468849, H50195, BF879226, T52274, AI394058, AA428813, H44206, AW004649, AA496548, T53398, H42257, AA911310, AA766455, T54328, AX014159, and AF161372.</p>
HE9QK23	343	805751	1 - 1308	15 - 1322	<p>AW897798, AI044056, W44681, AV758808, AW057713, AI445728, AI567918, BF929670, AW137633, AI362734, AI694501, AI560113, R66361, AA973346, R24468, AA256199, R24469, M78793, AA987235, R67503, BF926218, AA688372, AA398164,</p>

						AA861041, AI024099, AA719008, AI694956, AI150346, AI217933, AA459841, BE217862, AA393248, AI652522, AA629029, AW137492, AI075905, AI796754, AF081250, AF081249, AF195527, AF195526, U63407, and U63408.
HNTTB36	344	806145	1 - 688	15 - 702		AV723274, AU132547, AU131582, F11613, AL050070, AB011103, and AL117393.
HETIG63	345	806385	1 - 480	15 - 494		
HLDR045	346	806430	1 - 2216	15 - 2230		BF795217, BF791941, BG261343, AI684486, BF577081, BF970851, BG105539, AI566869, AW976683, AI423440, AW502562, BF951085, AA484824, NZ5988, AI861827, BE075227, AW131618, BE075230, AV720260, AW009256, AI916769, AI768611, BG249121, BF062871, AA310252, BE736694, AW131634, BF476238, AW058571, AI356185, N36619, AA955004, W32196, AI096610, BE857335, AI056733, BF059109, N94810, W19887, AI870957, AA134378, AA052976, AI074330, AA284346, AA284345, AW016216, N98907, N39417, W44790, AI223291, AA960796, AA641073, AA311539, AA134377, H56248, R51171, AI682459, BF940771, AA342188, H73423, AA181868, H71237, BE888616, H38561, AA358350, AI266521, AI266523, AI350409, AA731439, T79208, H74193, AW502209, BF676239, T98365, AA358037, N69917, AI284001, N63512, AA053469, BE876332, AI798254, AW073490, BE075519, BE075526, AA384306, AA343294, R51055, H54724, AI474164, C02106, R00686, H54675, AA385699, W57848, N27559, R00580, T98364, BF889258, AA775120, W32231, W57821, AA358349, BE162798, H56054, AA371491, N40379, AA358036, H71238, AI961185, T92855, AI949375, W31970, AA322980, W31378, BE620277, T89879, AW408709, BE880622, BF826341, AA186833, AI510801, N24120, H98792, AV755072, N74027, N20201, AF086175, U25276, AC005103, AF047825, AL079342, AC005803, AI031390, AC005162, AL353706, AC007383, AL161420, AL356057, AL049745, AL049540, AL022718, AC005332, AC000379, AL160234, AC002036, AC008551, AC003690, AC008635, AC002312, AC000353, AC005844, AL109923, AL356865, Z99127, AC004228, AC005231, AC002119, AL136418, AC005011, and AC006449.
HFIDZ38	347	806756	1 - 572	15 - 586		AI449826, AL449912, AL517582, AL519910, BF027493, BE546592, AL521647, AI449825, AL449911, AL530694, AL530801, AL530267, BG115619, BE547319, BE540603, BF238066, BF576695, BE891889, BF029131, BE315514, BF063670, BE869726, AA452699, AL449721, BE961028, AL449722, BF185160, BF185952, AW365059, BG030043, AL449809, AA001396, AL449808, AL449807, AI742426, AV702492, AA361681, N24991, AA017578, BF203439, Z44280, BE737467, AA485157, AI971875, R17530, AI343524, AL449720, BF847853, BF002486, BF805438, F08051, AI681435, AW663669, AI800948, AI741119, AI808184, AI066659, BE091524, AA329679, BE781485, BF196444, BF035075, AA450060, AI929037, AI686596, AW014260, AL021578, and AF314058.
HLMD095	348	810257	1 - 471	15 - 485		BE958211, BF667988, BF899665, AF282693, and AR083245.

HSLGA19	349	810406	1 - 1101	15 - 1115	
HGBGM53	350	810461	1 - 343	15 - 357	AL520760, BF980926, AA985175, AA357674, BF686128, and BE264273.
HIBCO73	351	810586	1 - 1474	15 - 1488	BG030674, AW954566, BE738693, BE548295, AI635570, BE738125, BE538273, AW303853, BE349507, AA703001, BF871188, AI860461, AI818619, AW628835, AI564058, BG258506, AI248704, T33302, BF930586, AW002906, AA350185, AI244512, AA424468, AA424391, BE707526, T84027, R48915, T76986, AI870687, AI955448, BF002927, AW572041, T77152, AI910493, AW204382, AW136998, BE274025, AI022309, BF760830, Z45871, BE893241, AI918983, R48803, T84026, T80818, AA165465, AA654353, AW195393, AW339291, AA299342, AA165365, Z41503, AI702665, AW961229, T81218, AC005585, and AC004997.
HDPOM13	352	810899	1 - 767	15 - 781	
HMEJR75	353	811268	1 - 657	15 - 671	AA459837, AW953466, AW957134, T09073, BE734978, AW838037, AW608110, Z42773, AF053369, AX003081, AX003083, AB022317, AB021292, AC006543, AC006544, AC007387, AX003085, AB002563, AB047604, AC003061, and AB022315.
HOECE93	354	812221	1 - 563	15 - 577	AL532827, W46511, W22983, AI521138, BE273852, W28334, AA035478, F12221, T66348, AA035451, AW861403, AC005697, and AC004852.
HLHGA65	355	812445	1 - 437	15 - 451	AA463818, and AF015416.
HMABR89	356	812465	1 - 859	15 - 873	BG026050, AI761387, AV658658, AA349453, BE003517, AV657118, AI498310, BE905842, AI288807, AA377721, AA747394, AV657075, AI702320, AI801728, and AA380573.
HLKDC74	357	812760	1 - 1272	15 - 1286	AI923712, AW300857, BE244247, BE047368, AI499936, AW084829, AW591899, AI214481, AF241229, AF117297, AF125304, AL390719, and AL390719.
HDTAV81	358	813300	1 - 783	15 - 797	AL529141, BG024356, BF979494, BE696022, AW504646, AA172300, BF573528, AV764525, AW501168, AA431999, AW014705, AW862909, AV747780, AW800625, and AB011421.
HETIZ34	359	815417	1 - 2780	15 - 2794	AUI131998, AUI24333, AUI24752, AUI26247, AUI33773, AUI25907, AUI38965, AUI18720, AUI24348, AUI20256, AUI35144, BG120186, AUI27635, BE619571, BF034166, BE891010, BG030699, BE738402, AUI34389, AV731084, BG109466, BG027171, BF792629, BG171545, AL042815, BE884436, BF212326, BE618965, BG250347, BF977717, AV720645, AV720730, BF981731, BF574770, AI693916, BF791227, AA778662, BG118288, BF692465, BG121644, AUI33346, AW967353, BF923740, BF102649, AV752464, AW995083, AW190223, AI979116, BE567006, AUI45217, BE737789, BF184355, AI625215, BF852400, AUI49058, AUI48549, BF031650, AW994925, BF242272, AUI49474, AUI54977, AW994913, BE301769, AUI26560, AW994920, BF677776, AW937894, AI683404, AI811671, BF668908, BE618038, AW771384, AW080047, BF248484, AI831215, AI685351, AUI53628, BE866317, AI814722, AI333666, AW835406, AA975513, AUI55395, AI679295,

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HWLIX39	360	815669	1 - 1452	15 - 1466	<p>BE378727, BE562826, AW006352, BE512716, AI380009, AW207483, AA282457, AI868583, AA856732, AW138336, AI915131, AL119457, AL119399, AL042382, AL042544, AL119511, AL079794, BF970990, AV726784, AV702147, BG164558, AI889953, AW073994, AI569309, AI471227, BG168696, AI520809, AI890628, AI701975, AL043152, AW193026, AW198075, AI696533, AI868931, AV703495, AI582932, AI582483, AI468872, AI890507, AI800453, AI559586, AI866469, AI476109, BF812936, AW149925, AW083778, AI627880, AI917963, AI923370, AL119324, AI445992, AI288305, AI922901, AI620302, AW020095, AI564749, AA449768, AI287326, AW168485, AI824576, AI635067, BE047852, AI623133, AI696570, AI079741, AI829330, AI587606, AI872423, AI866820, AI282695, AW191844, AI174394, AI073952, AW827289, AW264895, AI590686, AI281757, BE620444, AI961589, AI611738, AI802654, AW130849, BE746761, AI951076, AI365256, AI352497, AI921248,</p>

AW130534, AW190042, BG029086, AI431975, AI591132, AV741327, AW983822, AI873638, AV728670, AW088903, AI620075, AL043168, AW024275, BE543089, AI650787, BG036846, AI591025, BF525578, AI682798, AW970048, AI590415, AW193872, AW170663, AI284131, AV682124, AW150622, AI783861, AW089221, R32821, AI538817, AI125884, AW148356, AL037081, AI432736, AI367210, AI479126, AI866798, AA001397, AI241923, AI932503, AI538085, AI827226, AI919593, AI036638, AW118518, AI866127, AI612750, AI539153, AL046595, AI687166, AI537074, AI589668, AI571909, AI299650, AW151714, BG032704, AI891084, AI628217, AW983829, AI570807, AW085681, AW026882, AW983832, AI627988, F27788, AI249962, AI288050, BG028116, BF854113, BF812960, BF920893, BF812938, AI338212, BF752245, AI624293, BF970652, AI347854, AW129230, BF061283, AI670009, AI439350, AI866770, AI433157, BG029829, AI702073, AW089006, AI679631, AW189415, BF724198, BF812961, AI783504, AA502794, AI539771, AW163834, BG110305, N33175, AI445990, AW238688, AI537677, AI955866, AI249877, AW131282, AI521560, AW051088, BF343521, AI633125, AW088134, AW151785, Y11587, U77594, U49434, I89947, AR038854, AB051158, X82434, I48978, AF260566, AL080148, AF130066, AF314091, AL137271, AL080159, AF225424, A08913, AF061981, AL1389982, L19437, L30117, AF061795, Y14314, AF151685, A08910, AK024538, A08909, AK025798, AK026532, AX040958, AI8777, AF119865, AL080154, A08908, AL050155, AR083266, AF162270, AL122098, A08916, AL137463, E06743, AL117440, AK026462, AL137476, AL359941, AL389939, AK027096, AX040974, X84990, AL133016, AF185576, I89931, AF067728, AX042059, E04233, AB041801, AL133081, AF155221, A45787, AF155148, AF113019, AR087170, AL050024, AL080127, AK026593, AK026534, AK026408, AL162002, AF003737, AF113689, AF130055, AL137478, A77033, A77035, AK000636, AF111849, AF030513, U72620, AL137557, AF183393, AL117585, AB052200, AB047631, A08912, AL122093, AK026647, AK026583, AL133645, AJ299431, AK026608, AK000450, AB046642, AK025632, AL117578, AL1353940, AK026533, Y10080, I48979, AL137273, AL050092, AL137480, AL137550, AK026744, Z82022, AL157479, AK027160, AL162062, AF090903, AF113691, U80742, AL050138, AL389935, A21103, AK026045, AK000647, AB048974, AK025092, AB050431, AL133075, AX006092, AF116631, E02349, AL110280, AL117435, AK026885, AX045627, AF116649, AK026551, AF130110, AL122121, AJ012755, AL137292, AK000718, AK026865, I09499, AL133067, AF119894, AF119899, AK026480, AL137560, AF119909, AL137479, AF158248, U78525, X93495, AF061573, AL050277, E03348, AL133098, U67958, AB047887, AB050410, AB047615, AL133665, AK027144, AK026592, AF130099, U35846, AF106862, AF026816, AL390154, AL162083, AK000418, A65341, AK026528, AF087943, AK000432, AL133640, AK026784, AL359583, AB048954, AK026746,				
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HDTIT12	361	823632	1 - 923	15 - 937	AV707825, AA046836, AA047007, BF701182, BF241086, BF206746, AW197684, BF239243, R97204, BG111573, BF694224, AW238561, AA188308, AA157267, AA356666, AA936736, AA171802, N42257, AL498655, BE278347, AA196715, BF246184, BF355711, AA377854, AA377503, BF909622, BF746920, AW957424, AL138743, and AF008554.
H5VCA10	362	824800	1 - 442	15 - 456	AW966079, AW955776, AC007790, AL121578, U66059, U95740, and AC018766.
HDFQA53	363	825910	1 - 447	15 - 461	BF346190, BF530674, AA452430, AL147740, AL553750, AL567497, BF347192, AL132855, and AL049829.
HE9PC92	364	827237	1 - 762	15 - 776	BF971441, AW966059, D80043, AW973474, D80391, D59787, D58283, AV719822, AV720731, D80196, AW966029, AV699550, AW960454, AV719557, AW959136, AW959628, AW966032, D80188, AV718707, AW978634, AW975618, AW978661, AW960465, AV720878, D80253, AW973307, AW959570, D57483, AV699447, AW959799, AW959202, AW966531, C14389, AW965175, AW966053, AW975613, AW949642, AV718489, AW958993, D59859, D81030, D80166, AW960553, AV718931, D80212, AV718692, AV722801, AW959597, D51423, D59619, D80210, D51799, D80240, AW973482, AV719188, AW966075, AW956397, AV719324, AV718938, AW966065, AW962082, AV718633, D59467, AW975605, AW949631, AW973488, AV720211, D80366, AW973334, AV723927, AW966534, AW949656, AW966022, AV719468, AW966013, D80022, C14331, AW966041, AV720533, D80195, D80219, AW975621, AW978648, AW949629, AW960473, AW965177, C15076, AV718530, AW965163, D80164, D59275, AW973541, AV720791, AW966054, AV720203, AW960532, AW964756, AW966050, AW958992, D80227, AW966062, AV718440, AV719783, AV720028, D59502, AV718800, AW965185, AW965197, AW965196, AW973485, AW965184, AV718844, AV720464, AW975623, AV718770, D50979, AW973490, AV724520, AW959062, AW964477, AW956434, AW964488, AW949641, AW949654, AW949643, AV699927, AW949618, D80024, AW959582, D59889, AA303409.

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HMSOU92	365	827837	1 - 639	15 - 653	<p>AV718633, AV718938, AW970877, AW378532, AA651639, AV699669, AW023111, BG236628, TS7774, AI061313, AW081194, BF965243, AW572202, AI625604, AA533176, AA532700, BE062476, AA148672, AA630854, AA657835, BF725844, AI732151, AI247183, AA491767, AA574442, AV7000313, AV647070, AI754653, AA527741, AW196288, AI188390, TS8367, AV762454, C15060, AA610509, BF771774, D34614, AC004965, AC007404, AL121753, AC008784, AL117377, AC009311, AC025463, AC008447, AF001712, AC004518, AP002015, AC083875, AC006312,</p>

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HE8OX52	366	828103	1 - 1517	15 - 1531	W95519, AA551147, BE504547, AA479332, BE144064, AA814952, AW956790, AI674224, AI809609, AW955348, AI700629, AI217948, AI348250, BE931618, AI814776, AA478597, AL535353, AI076807, AW069449, AI214208, AI554308, AA600209, AI052794, N93190, AI095606, AI693158, AI346961, AI285258, AA776521, AA262827, AI660897, AA938883, AA295573, AI538488, AI367916, AL535352, AI249087, N66611, BE714471, D79168, AA928726, AA099616, AI675524, AA426316, AA291162, T79853, BE714488, AA904695, T33275, AW352316, AW469387, AW352320, D79139, Z28451, R49465, AI872902, AI923259, T87389, AI285212, H74133, F00053, D78834, AI537254,

W92087, H03336, AA004363, H73058, A1032509, H03337, R35951, W38777, D81616, AA426315, AW079961, AA325812, A248283, AW197908, W86989, A1351966, D81571, D79291, AA778897, A1076584, A1261236, W88439, BF769991, AW874492, T50937, T10116, BE714438, BF947084, W92026, BF195793, AW078581, R65862, R65771, BF431679, AW953204, AA384953, AA249191, A1668831, D31527, AA767332, AV649219, AA004364, R38358, BF768971, AA777306, A1000844, AA096228, AA171695, W89203, BG222831, BE164864, D31278, T77407, D11925, AA887868, AV748681, BF911557, R29735, AA171810, AA165670, AA159603, A1863382, BE559502, BF764538, A1890907, AA449768, A1560545, BE080998, A1272065, A1287233, A1514701, A1537837, AW149925, BF814450, AV726125, BF970652, BE877142, A1042981, A1435253, AA837508, A1909641, A1513961, AW021717, BE904911, A1514205, BE964723, A1469532, A1540674, BE729660, A1249877, A1513743, A1697137, AV758806, A1859991, A1524179, BE965432, A1433611, BF886214, A1524654, BF337602, A1432030, A1637584, A1514919, A1671642, AV652443, A1514097, AW087455, A1286256, A1284084, A1079799, BF856052, AW834282, A1932739, A1581033, A1538764, A1537261, A1678850, BE964664, AW090071, AA641818, A1446704, AA676361, A1513757, A1921469, A1370890, AW161156, A121328, BE843239, A1432644, BG252914, A1623941, A1916419, BG107576, H42657, A1514887, BE966687, A1621341, A1927723, A1267185, BG111590, A1515195, BE876049, A1952914, BE732278, AW090550, A1273856, A1500061, A1514791, A1686576, AW169848, A1741158, A1309306, A1514809, A1583308, A1281757, A1270295, A1471282, A1025279, BF871314, A193231, A1289337, BE896769, AW051088, A1514627, A1633125, A16168320, A1513763, A1274745, A1698391, BF813196, AV712672, AB023146, A1096858, A1034555, A156529, AF085964, A18788, A1035458, A137553, AF140224, I48978, A1009484, AK025435, I89947, A1389935, A137530, A1389939, A08910, A08909, A08908, A038854, AB052191, A137459, AK027146, A08913, A1023657, A1003118, I32738, AF118064, AK026744, X84990, A08912, AB032264, Y16645, AK025958, AF110640, AB048919, A162083, I48979, AF287051, A157433, S76508, AK026045, AB024524, AF266204, A1080124, X63162, AK025015, AF185576, AK026857, A18777, A08907, AK026642, A137476, B12747, AR013797, AC007383, AF119865, U90884, AK025414, AK026784, I04504, A1117648, AF314091, A1359600, AF116609, A110197, AK025632, AK024538, A137294, X83508, AF118094, A08916, A133075, A1355136, AR034821, AF079765, Z97214, AF130104, A1122049, AK000083, AK025857, AF090886, A122093, AF055917, AC004822, I89931, AF118070, A110196, AF087943, AK025084, AF119860, AF218034, AR027279, AF111849, AF217982, AF130099, AF177401.

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HDAAS81	367	828170	1 - 3789	15 - 3803	AV070945, BE548222, BF691941, AA193501, BF968853, BG120310, AI742850, BF337419, AI743048, BF44916, AW966477, AW068830, AI674650, AW022579, AI633681, AI141784, AI128150, AI681020, AI695117, AI436021, AI651006, BF126529, AW571510, AI740543, AW337959, AI962862, AI264641, AI186663, AI373729, AA150403, AV689068, BE548868, AW952974, AI417065, AW613560, AW024321, AA766018, AI917133, AI378229, AW276569, BF111935, AA968786, AW513404, AA884691, AA605195, AI333917, BE645176, AI080174, AA532856, AW662439, AW022878, AI288445, BF219074, AI765241, AI807038, C05131, AA678829, AW002429, R56429, AI289507, AI620092, AW591640, AW008703, AW591636, AA907190, R67466, BE221859, AI436165, AA922656, AI298110, AI635732, AA991305, AA971765, AW023742, AA055243, AA813082, AA905970, W60091, AA443245, AI652025, AI049642, AW874177, AA157028, AA580268, AW022570, R56702, AW149948, H89788, AW889827, AA716383, BE881791, BF909682, T77700, BF210339, D62875, W52883, H89725, AW068035, AI627492, R56430, R70663, N94450, AI493579, C05594, BF910514, AI222001, R70664, BF439422, BF940322, AV695775, AW188894, AI798260, R22351, N40144, C04213, AW084193, AA384335, Z42750, AA621159, R23317, R78247, R66539, R56857, R82755, R41700, AI536877, D31249, AW138567, AA247438, AW841736, D62874, T34599, AA852328, R66538, R18153, N56613, H42341, R18154, BG013032, AW369653, R19895, R18155, AA191353, T08222, R41701,

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HUSIK57	368	828267	1 - 695	15 - 709	BE264942, BG113271, BE795906, BE619338, BG171557, BE742574, BG256285, BG028915, BF127701, BE278614, BE294551, BE044245, BF203572, BF033465, BE251767, AW024535, BG114072, BE620001, AI743555, AA814296, BF975608, AA161105, AA401079, BF196870, AW134814, AW593006, BF060764, AW014454, BF109502, BF060883, BG027159, BE677746, BF939958, BE326458, AI885853, BF109658, BE251713, BF109958, BG057751, AW015051, BG055051, AW629433, AI191942, AJ684726, BE644779, AI806396, AI096504, AI873543, AI948561, AI806621, AW303441, AI192497, AI332947, AI819618, AI217695, BE782766, W47341, AW082763, AI005204, AW181919, AA903406, AA628544, AI040354, AA417295, AI074035, AW205083, AA813115, AA757360, AW304117, AI127461, AA022495, AI168471, AI565806, AW629300, AW778950, AI871471, AI309771, AI128271, AI798935, BE278290, AI318362, AI291930, AI086750, AI273345, AI741820, AW183855, AI168191, AI301511, AA759377, AI311656, AA824270, AI306481, N35076, AI868333, AA461270, AI301090, N72025, AI219804, N72024, AI005324, AI568580, W32428, AI239987, AA262162, AA460961, AW963942, AW081750, AW206592, AA618498, AA860208, AA770473, AA262229, F28325, AA503727, AI345984, AA725024, AI699454, N21678, AI096416, AI087373, AA577174, AA769656, AA969632, AA927863, AI333923, AA587486, AA974988, AA629243, AW008700, AA873216, AA806381, AA416559, AA158822, AA872272, AI807811, AW081735, AA759038, AA160827, AA826741, AI684904, F36661, AA946650, H30248, AA435587, BE296625, AI720496, N49970, AA904856, AW205233, AI491704, F24199, AA804907, AA023021, AA906495, R81344, AI332759, BE513183, R82497, W45005, AI468098, AW086184, F27005, W47466, R82551, AI472840, AA215903, AI300723, AI220914, AA393904, AA403143, AW008693, AI305259, AI374676, N31085, W44492, AA926660, AA887257, AI868779, R78171, AA888574, AA357098, AA516264, AA905146, R64277, AA160240, AA356871,

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HPRBB67	369	828597	1 - 1122	15 - 1136		
HPIBM51	370	828682	1 - 651	15 - 665		
HLIFY81	371	828777	1 - 970	15 - 984		<p>AV712703.</p> <p>BF668112, BF308870, AI139901, BF448659, AA743934, AI817040, AA605076, AA746310, BF102826, AW152501, AI679319, AA976688, AI369815, BE772389, AI858221, AI580110, AI948429, AA454940, AI186062, H98729, AI086150, AI361419, AI362263, BF333747, BF694216, AA662751, AI041625, N24299, AI361545, R91402, AI354298, AW628473, W20421, AA639539, AI344442, T86451, AA953728, AI027564, BF665861, H43805, AA714010, AW797389, W19089, AA888099, R87627, AA181709, R92659, R87531, BG024024, AW797367, BF904180, BF038804, AI567637, AI669639, AW999906, AI537516, BE964497, AI801536, BE566196, BE965481, BE909521, BF876588, AI918634, BF925370, AI364220, AW078767, BE091470, BF816041, BF913615, AW083804, AI679916, AI951222, BF816031, BE393551, BF817746, BF811808, AI050666, BE780932, AI285417, BF753056, N74355, AI632981, BE905628, AI613017, AI608802, AW834325, BF913569, AI952542, AW118508, BF924884, BE068047, AI469516, BE884910, AL513891, AI611743, AI919345, AW172787, BF814429, AI677797, AI701948, BE964767, BF814541, AW148738, AI696626, AW130309, AI513999, BE890955, AW024425, AI379711, AI266558, AI560806, AI699154, AI418128, AI926041, AA746507, AW073898, AI805688, BE965169, AI636719, AL513685, AA830821, AI366549, AA665587, BF915316, BF904248, BE964198, AI926593, BE613727, AI683939, AI589993, AI805638, AI686823, AI636788,</p>

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HDPLO68	372	828826	1 - 2480	15 - 2494	AW970130, AI744083, BF979101, AV709325, AW469184, BF511108, BE339806, BF028438, AA150364, AA236207, BF436941, BF435328, AA150188, AA812205, BF435139, AI417169, AA905150, AI986415, AW189108, AI699342, AA256878, AI472773, AI246457, AA808712, AI921676, AA441955, AA292485, T17368, AI972445, AA514616, AI263744, AW084726, BF734581, T76933, H83780, AA255472, AI138535, F13101, AA292484, BF911956, R54121, H53524, Z39453, AI474485, AI879806, D63323, AA909498, Z45449, AI383278, N33845, AA236206, AW884411, AA740631, AA193510, BE783178, AV753530, H53525, Z43380, and AC002357.
HHEU25	373	828922	1 - 2424	15 - 2438	AUI30475, AUI24575, BE745541, AUI37992, BE271687, BGI70855, BF057048, BE501252, AI363286, BG163691, AW474958, BG257800, AW439246, BE884153, AI950988, AW594051, AL049112, AW593497, AI655350, AI868802, AI935191, AA002041, AUI145883, AW969212, BE349185, AA625272, BE295009, AA564814, AI334349, AA521508, AA831678, AUI52068, AI093447, AI221823, AI683495, AI632423, W78082, AI830624, BE858360, AI277244, AA604562, AA948458, AA922990, AW242129, AA373428, T27532, T27533, AL047928, BE468131, BE393563, AW470944, BF933661, AI018432, AA324284, BE771870, AL079583, BF526389, BF793899, AA001835, AW196142, AUI20404, AL041249, BE720563, BF686523, AI264786, R14071, AA167058, BE939957, X85660, R40196, AA331947, AW235837, N88270, AA897167, AUI25401, AA902298, BE773191, BE706523, X85661, AI907546, AUI19575, and AB007885.
HNTBH70	374	828926	1 - 570	15 - 584	BE781119, AA165340, BF674424, AV728265, BF029102, AA021328, AA370261, and BF811117.
HMIAN37	375	828988	1 - 2724	15 - 2738	AL525140, AW994403, BF340540, BF690628, AL525139, BE784612, BG026204, AV721455, BF794837, AV650386, BF970767, BF035901, AI796091, AW070331,

					<p>BF680249, BE645232, AW842534, AV734580, BF594806, BF216662, BG115651, AA885479, AI808635, AI807844, AW504019, AI808760, BF911687, AI806642, AW664415, AI743373, BF678412, BF693497, AI218017, AI810180, BE856520, AI206748, AA830249, AI097104, BF941440, AI660637, AI091575, AI218828, N25567, BF476361, AI263892, AI687290, R61426, AW590234, AI423504, AI425096, AW296739, AW080003, AA278627, BF107405, N30486, AI765767, BG111206, AA707586, AI699928, AA304993, AA719764, AI005677, AI674380, AW962731, AA707518, AV656336, AA282001, AA749063, AA278628, AA789184, AI950490, AA757577, AW172424, BE139484, AV650317, AI092275, H09719, W31769, AA770430, BG118597, F34735, AI742264, AI192998, AA768824, AA659932, AI134147, R16042, N44865, N34167, AI968635, AI336810, R12106, W32476, AA576431, AA907350, I78284, AI470700, BE003073, BG152877, AI005582, AV724197, AI216029, AI624069, N68031, AI659546, AI097107, AA969676, R63310, BE814870, AW196635, AA843425, AA319692, AA379726, F06779, BE810254, AA768638, AW983647, AA280617, AW082682, I73414, AA868055, N57579, BF091537, AA299057, AA369839, AI762252, AA809759, H46838, AI758489, N52758, W32662, AA369840, AI184905, R36860, R16041, AA371453, AA370558, AA029481, AA029545, AA778585, AA361763, AW609818, BE810246, Z39839, AA329526, H40110, AW885042, AJ278589, AA483843, R37936, BF353681, N83750, BF992341, H40174, W04668, R18232, R25515, H14752, R12287, AW304327, AW983574, BE825289, AA215402, R20615, H13396, BF790614, BE697754, AA885041, AI243557, AA259169, AC006263, T66627, and T66628.</p>
HPFDI25	376	829071	1 - 1097	15 - 1111	<p>BF206962, BF305074, BF305149, BF439108, AI268268, BE395507, BE385088, AI819416, BF055525, AA947965, BE467664, BE857149, AI688717, AW027310, BF589303, AI336199, BG179674, AW967435, AI672288, BG150003, AI828977, AI421864, BE541981, AA402255, AA456227, AI183357, AI279126, N30912, AI570596, BF002580, AI817223, AI871749, AA534311, AI161234, AI347720, AI672691, AI814234, AI693829, AI459084, BE296960, AA411630, AA236940, AA237089, AI217696, AI758234, AI928989, AA454620, AW268877, AW051826, AA830345, AI168163, W15416, AW014577, AA886902, AA570688, AA906799, AI332391, AW470301, AA436137, AA402751, AI311662, AI276098, AI275571, AI800622, AI082789, AW025981, BF439499, AI094730, AA969974, AA828389, AI991821, BF149343, AA830779, AI206074, AI929238, AI091493, AI268847, AA436029, AI094024, AI693502, AI042392, AI242442, BE152615, AA443110, AI493464, AI000713, AI079484, AA456175, AI924771, AA189004, AV653110, AW575883, W02975, AW013901, AI209029, T54423, AI800570, AA714094, AI167951, AA975695, AA962315, AI269894, AA649829, AW404973, AI095104, N72262, BF740208, AI802488, AW272090, AA455645, AA910903, BE702650, AA189003, AW028777, AA742883, N51630, W39654,</p>

HIBCN93	377	829308	1 - 1492	15 - 1506	AW016632, AW470366, AA406580, AA258745, R77364, AI363506, R77363, AI302897, R54728, AA810983, BE834213, AA960943, TS4471, AI262659, H23363, AI283730, AA258381, BE707790, AA290639, AI814229, BE811058, AA290652, R55449, AI971972, AW027262, AA170807, N54133, and AK000540. BE786830, AI056401, AW072652, AI885072, AW205916, AW957347, AI885524, AI879122, AW793024, BF681368, N34233, AI953626, AI768363, AI500165, AI887770, AI651798, AV750205, AA393235, N35730, AW297174, AW628476, AI802927, AW271854, BE672711, R56346, AA249118, AI377463, AW070857, AV700598, AI824909, N53527, AA948310, AI206861, AA572777, AA570002, AA814424, N25635, AA255602, AI478500, N25539, AA634056, H07018, N28490, AA416965, N34136, N34013, AA902860, AA255576, AV750693, AW029208, AI690664, AI198003, H99526, H05467, N49189, AI190195, AI864484, N30121, H99763, AV687634, AI024777, AA379362, AA262183, AV686523, AI191172, R86778, AA721016, AA350164, R13979, AW902474, AI963889, AA339761, R17378, N49183, AA262707, T33288, R42616, T16329, H99527, AI423712, AI952318, D62700, AI267479, N92737, W20356, AA385524, T28424, AA370138, AA279758, N24571, R40039, BE070054, AI351820, BF476976, BF477325, AI674497, AA864521, T35226, D57142, BF928214, R56257, N50244, AI124956, AF143235, AF320912, and AK000896. BE396321, BF036529, BF851200, AW965880, BF931017, AA358982, BE561336, BE765106, AI537427, N30547, BE392587, AW853469, AA366279, AW578472, H70995, AW866718, AU133489, H78449, AW366011, BE831795, AV728926, H57449, R32605, T11530, AW866749, AW373812, N39398, R64443, H13461, AW866719, BE765113, AA133688, BF838804, BF891569, BG035180, BE765075, AW866704, BF830002, AW860565, BF737126, AB007934, AB029290, AF141968, AF150755, AK023285, AK023821, and AK023406. BG028710, BG035531, BG110379, BF035651, AA523735, AA744680, BE394436, AA496102, AI889460, AA884239, AI423208, W52780, AI023220, BE812187, AA232187, AW958033, AW249982, BE812189, BF477516, N49855, BE617457, AV705633, AI377213, AI40471, AA830850, AW967880, AI470085, AW246245, AA806441, AA741266, AA130096, AI273697, AI199436, BF975380, AI028484, AI144114, AI524208, AI261472, AI215922, BE962421, AI281030, AA809356, AI735186, AA588859, BE645876, AA398075, BF431780, AA668868, AA922498, AA826865, AI721076, F26431, AI224934, H69575, AI984011, AA130095, AI963211, AA243109, AA988255, H95065, AW675353, AI378424, AW977897, F28374, AI936240, AA744793, AA809458, AA827659, H62017, AI493433, AA809442, AI266572, H85385, AA835915, BE617905, H41598, AI371682, AA393987, N36218, AA602990, AW474121, AA872643, BF512094, BF678739, BE840806, AA551426, AA368844, BF750755, BE267207, AA877236,
HCUDM68	378	829463	1 - 443	15 - 457	
HCFCU33	379	829601	1 - 908	15 - 922	

					BE560655, W04939, AA574343, W52484, N54430, AA513394, AI186572, AA559062, AI202007, N80053, H69596, AI222768, AA010201, H84745, AA292526, AA303699, AA235462, AV746713, F26160, F17553, AI133447, BE770864, H84833, BG058314, BG153186, AI216651, BE840789, BE171860, BF750754, AK025402, AY007143, AB005815, and AB012181.
HTGCM10	380	829736	1 - 2425	15 - 2439	AI041823, BE467375, AI761231, AW994045, BE463559, BE327715, BF345045, AW510945, AW299366, BE219473, BG170479, BG169375, AW770754, AI417765, AI479760, AV728626, AW590764, AI279898, BG260617, BE222429, AI819080, AU134203, AI056340, AA780616, AV727721, BG030791, AA779981, BF437183, AI743364, BE857272, BF212598, BF796095, AU155295, AW078696, AU150586, AI141114, AV753083, AW024166, AA424478, AI148118, AI765647, AI289910, AA633888, AI918018, AA171713, AI333240, AI150609, N24673, AI023244, AI418896, AA410840, AA056568, AW383166, AI335003, AW196351, W03837, AA169352, AW102874, BF096186, AI391460, BE813438, AW779652, BG122208, AI969124, AI254716, H98806, AI078573, N32953, AA411555, AA702783, AI669127, BF127662, AA639534, AW401436, BF096191, AA171996, BF057539, HI3144, AA505988, AA776283, AI370829, BF198053, BF542182, R22333, AA410573, AI699042, AW952865, T63727, AI073874, AA634791, N42110, N55468, AI375283, AA644497, AA235604, BF939871, AA932556, AW172314, R93504, BF096096, T81311, AA165138, Z41227, T32367, R49204, AA341424, AI473397, T32366, H44982, T95436, AI381937, AW514314, R93505, F08063, AW327252, AA171757, AW327608, AW296729, D63291, AA298198, R62852, T95341, BF985753, C17536, N33048, HI7521, BF086035, M62016, AA150946, AI915009, AA169548, N42625, N25026, T49267, D82675, R62803, R25604, T83508, BE185490, AA486982, T49268, AA056719, BE819061, R34248, AA172106, T49305, BF841727, T81839, T49304, T83362, N35464, BE894597, T63879, AI419602, N76843, D82665, AA151038, AW239434, R35574, R35407, AI696209, AA505164, Z21563, AW796727, T80451, BE875489, AK023373, AF131773, AF272035, AB017616, and AL137291.
HFIS05	381	830029	1 - 832	15 - 846	AL520059, BE616627, BE254037, AL528245, BE870744, BE615905, BE781788, BF976294, AL520058, BE782297, BG179702, BE779264, BE897551, BE795389, BE782861, BF204952, BE540475, BG255597, BE885901, BE378101, BG253174, BE615515, AA496201, BE545744, BE617023, AL528244, BE778886, BF697548, BE902405, BF312418, BE542629, BE794107, BF700073, BG254355, BE798090, AI859147, AA496363, AI813431, BF664822, BE869749, BF678149, AW405749, BG025875, AA313838, BE789297, AW578440, AA084467, BF874874, BF311562, AA303551, HD2336, AA496637, BE355529, H02444, BE315291, W25124, BF874434, AW886708, N45390, N98369, AW800184, R23517, BE905837, AA282280, AA224128,

AA355494, AW952215, H84706, AA321128, AI978644, BF832795, D81961, AA320921, AW515602, AI857474, BE910505, AI199193, AA878116, BE617548, AA631639, AW769252, BF059046, BE856235, AW379866, AA496204, AI346587, N70173, AW513489, AA704287, AI016217, AI083701, AI814087, AI282646, BG164558, AI434134, AI811785, N93284, AW075484, AI700159, AW080279, AI352326, AI698401, AI573167, AW102902, AI963224, AI826225, AI648436, AA805519, BF792678, AW168296, AI445115, AL042382, AI564765, AI690813, AL079794, AI813868, BF525578, AI758309, AI610667, AL119457, AI800453, AI620866, AW081606, AL119399, AI922075, AW004886, AI961589, AL513663, AW196299, AL119511, AI812015, AW081449, AI521594, BG254284, AI919593, AW162194, AI273901, AI628015, AI817122, BG110384, BG028873, AW194185, AI866770, AI830259, AI922812, AW161156, AI869377, AI683099, AI811353, AI580674, AI354283, AI335426, AI348777, AI800433, AW087838, AI470648, AI954422, AI916419, AW148716, AI280747, AI630876, AI280661, BG163618, BG105794, AI537617, AI933992, BF968903, AI866820, AI972155, AI570966, AL040694, AI677797, AI926333, AI470293, AI540759, AA911767, AI824576, AL036673, AW827206, AW168503, BE734780, BE891834, BG029829, BE885353, AW150762, BF970990, BG008888, AA999906, AI783821, AV692345, AI540754, AW022682, BF752858, AI363957, AI452556, AI633314, AV734592, AW080079, AI373914, N29277, BF680133, AW168849, AI961393, AW150326, AW130307, AI868204, AI624548, AW410090, AW631265, AI036980, AI634305, AA903106, BE783541, AW090387, AI571699, AI590624, AI950688, AW105601, AW169604, AI648508, AI567612, AI679550, AI554821, AI866082, AI932458, BF814761, BF764538, AI263331, AI918435, AA287231, AW169671, AI680498, AI589267, AI245008, AI567866, AI612885, AI439717, AI540458, AW075645, BE907151, BE048026, AI648458, AI251221, AI247193, AI679800, AI829327, AI554245, BF814357, AV696257, AI635038, AK024843, AF110764, Y11587, AL442082, AF130075, AF205861, S36676, AK026164, I48978, U77594, AL137294, AL122098, AL133016, A08916, X62580, AF242525, AL050277, A52563, AK025465, AF218034, AL389935, A08910, I89947, A08909, AB047941, AR079032, AF260566, AJ006417, AF116639, A08908, AF260436, AK024538, AI8777, AL137547, A08913, AL137665, AF111849, AL110222, AR068751, A08912, Z97214, AL080124, AF159615, AL137558, AF116631, AX040958, X79812, AF218031, AL137550, AK025798, AL110221, AF177401, AL137521, X98834, AF113019, AF116646, AF314091, AL162002, AK000418, I89931, AB048964, AF065135, AL137560, B02349, AK025209, AL110225, S68736, A93016, AL122110, AR087170, AF067728, AX042059, AK025391, AF111851, AK027146, AJ003118, AL080126, AR038854, AL122049, AL137459, AF119860, AL389957, AF017152, AL080140, AK024524, AB050410, AL049314, U68387, X72889, AB047248,					
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H2CBH25	382	830128	1 - 757	15 - 771	AA307490, BF981824, AW963170, AA361352, AA371254, AL538538, AV734761, BE164286, BE174802, AA760802, AA642332, AA252491, AW967785, AA521086, AW974493, AA128085, AC004049, and AK026323.
HWLFQ55	383	830262	1 - 701	15 - 715	BE867525, AW139432, C75094, AW749328, AP000502, and AF134726.
HWLBK80	384	830339	1 - 535	15 - 549	BE314989, BE903612, BE901232, BF507996, D42047, and U97256.
HWHQR4	385	830348	1 - 981	15 - 995	BE155717, AW383157, AA295728, AW082090, AI469075, AW612887, BE222471, AA809879, AW205375, AW204671, AI440266, and AA983601.
HTTDO45	386	830542	1 - 2018	15 - 2032	AL517117, AL534518, AU125294, AU143452, AU118572, AL517116, BE792113, AU121192, BE793962, AL356346, AA773564, BF435179, BE886334, BE795064, AW149620, BE383734, AL608941, BE748762, BE622370, BF203966, BE790688, AV696007, AI934471, BE733419, BF435252, BE219495, BE791170, AU141523, BG248252, AW166202, BG169497, BF980852, AV653212, BE797475, BG180336, BE295362, BF205555, BE790686, AW248975, AU927017, AU927649, BE892350, BE258769, BE748454, AV653246, BE386198, BF733017, BE277200, AI935538, AL689743, AW237367, BE267474, BF681633, BE386284, AA669837, AV684061, BE265906, BE326704, BE264857, BF315665, AW966083, BE728981, BE270256,

					<p>AW977866, AU139664, BE264431, AA773811, BE313692, AI826904, BF732388, BE208638, AA522692, BE463425, BE465120, AI985556, BF306548, BE295650, AA160675, AI766899, AV689563, AW615658, AA129593, AU148980, AI242161, AI339338, AI915875, AI281977, AI679419, AU159062, AA743161, BE394851, AW129250, BF313256, AU160539, BE222517, AU147054, AI292110, AU145096, BE622820, AW473145, BE551066, AA995857, AI632625, BF434612, AW005265, BF732958, BF195296, AW205957, AA031697, AW511387, BF305552, AI080003, AI985496, BG236394, AI640340, AI075293, D58067, BF724595, AI753324, D58068, AA100913, BE967287, AI679929, AI681080, BF739968, AA186698, BF206378, T60268, AA834774, W42513, AI796037, AW337148, AW772479, BE326667, AA480672, BF593137, AV689500, AA058529, AI637787, AW243240, AI659936, BF211944, AA812035, AA173985, AI332985, AA995455, BE265298, AA031863, AI640567, AA173629, AV687020, BE266329, F22148, AV688387, AA188326, BE29767, AI650925, AW248532, BF674020, AA974029, BE048931, F30242, AA128581, AA129330, AI524808, W61060, AI695223, T88743, AI340251, BF432185, AI962198, AI347479, AW072302, BE221712, BF444947, BE395440, AA934427, H08029, AW193412, BE939886, BE702513, AI681438, BF434502, AV697589, AI373314, H29768, AW270842, AV696822, AI085778, AI480195, AI885635, AW134585, BE939895, AW024782, AI352226, AA366465, AI272109, T68371, AA160087, AA317205, AW772225, AA962214, AW052130, W42415, AI765977, AA923685, AA330736, AW025204, AA352143, AA781222, R00503, W72566, AI310696, AA352395, AA384254, BF434518, H38826, H02114, AA303841, H07926, F36818, AW025212, AI392859, AW269249, AA872783, AA011079, R57464, BF196432, W76560, BF083008, AA878505, AI640318, AA100912, AI333009, AF006747, R40908, AW403749, AI821667, AA470517, BE675131, AW991591, AA576938, BG149272, AA587251, AW341091, R13392, AW838580, AW802577, AA877207, AI589503, D16294, AI133074, AX030435, AC005520, E12888, D44497, AF001346, T61648, H93354, AA011078, AA129619, and N88876.</p>
HRGDD63	387	830829	1 - 485	15 - 499	<p>AI939916, BE676622, D63224, BF852183, BF732785, AW407639, BE676284, AW176021, AW027307, BE675384, BF927677, BF821345, BF821346, BF897211, BF512598, AI814810, AI739298, AI192787, AW004949, AA649240, AI922342, AI306508, BE502916, AI692396, BF433632, BE219592, AA970466, AI458587, AI286059, BE676722, AA367812, AI221716, BG015075, AW839535, AW366594, AI702490, HI2163, R35607, R21083, and AI034380.</p>
HTNBX62	388	830831	1 - 1502	15 - 1516	<p>BG169002, AW960796, BE889728, AW188129, AW575807, BF243751, AI912381, AA583054, AA897558, AI590077, AI684598, BF244182, AW129776, AA883062, BF028098, AW958634, W74494, BF210753, AW958635, BE857179, BF111867, BF002282, AI818246, AW958633, AW958638, BF510537, AA195310, AI830442,</p>

					<p>AI359584, W63626, AI916369, BE677241, AW023281, BF732768, BF241853, AA772553, AI217502, AA262968, BF572268, AW674515, AI675033, AI609871, AI371911, AI683812, W79091, AV723017, AI825716, D60020, BF593859, C14696, BE328520, BE467332, AA287921, AI536775, AI088117, AI472912, AA382550, AI375566, AA999820, BE940000, AI828456, AA195194, BF690709, AA972898, C01521, BF941885, BF666762, AA853909, BF694026, AI363877, BE000571, BF593399, BE856804, AW175933, BF668025, AA974815, BF570723, AA337705, BF668860, AA385865, AA382549, AI564274, AA287981, BF216597, BF669879, BE567286, N22320, AI683277, AI199426, AI150537, AI692319, AW861096, AI868735, AW578809, AI680550, AA367467, D79383, R33482, AW337613, AA236312, AI287461, AW856565, AA385900, BF246635, AL048650, BE622721, AW856569, AW856564, AW856570, R34020, AA992535, D81405, BE765787, BF334516, BE766216, BE766046, BF244955, BE766226, BE766300, BE827840, AV652827, AW366818, and BF131969.</p>
HLICA76	389	831204	1 - 2113	15 - 2127	<p>AL048469, AV652550, AA194999, AW970524, BF184884, AW140072, AW204730, BF433166, AA215680, BE046998, AI631865, AW593881, AI655646, AI971076, AI432147, BF475864, BG121355, BE467238, AI631673, BF475272, AW149689, AI669703, AI829789, AI492434, BF213057, AI521142, BE551662, BE813686, AW614108, BE930767, AI400478, BF433312, AA288026, AW614587, BE502950, AI651180, AI193145, AI081573, AI342508, N28686, AI278064, AI126161, BF954317, BE502323, AW129475, BF960086, N21283, AI341841, AA255856, AI674128, AI399915, BE090810, W96079, T27087, AA215681, AA279589, AA256423, BF959098, BF962893, AI985255, N75153, AA860951, AI797704, AA182828, BF185677, H15282, BF841001, BF593114, AI225122, W96080, AA227601, AI239883, AW770467, R85595, AA234343, AA227901, N31219, BF435948, AW192261, AA991931, AW083386, BF030377, AA165273, AA182803, AW129480, AI978564, AI282883, H15283, AA256535, AI309945, BE045834, AA194812, AA234430, Z43797, AA552024, R36319, AA165272, AW175957, AA935846, Z39864, N58817, T27086, F03103, AL048468, R11785, R05490, R49251, Z42889, F02354, AA971119, R05597, BF979218, Z43853, BF836495, AW138352, R20079, AI521685, AA508821, AA506888, BF241824, AA318705, AA283940, AI470509, R41213, R14552, T23687, BF030442, AI267407, AA375965, AI969367, AW852333, BF154650, AW891762, BF826364, BF154653, T18561, AA593122, AW376339, BF953983, R37704, BF090151, AI311382, AV720579, BF826761, BF960414, BF960841, BF090097, BF962097, BF958637, BF090124, AV750326, AI131245, and U66835.</p>
HAPOA59	390	831307	1 - 2361	15 - 2375	<p>BE731629, AU122259, BE253744, BE735052, BE561083, AU117498, BE731156, BE730447, BE745756, BF965935, BE734241, BG027641, BE890764, BF205848, BE734303, BE561409, BF304835, BF206135, BE543446, AI828094, BE896184, BE896040, AU126506, BF204019, AA314161, AA444370, BE867090, AI986034,</p>

					<p>AI768472, BE542801, BG107729, AU147882, BE267434, BF031425, AW957955, AW129954, AA039651, AU151058, BF242739, AU147596, AA444378, AA025822, AW952863, AU159600, AI125818, AA039602, AA432284, AU144308, AI376215, AA931215, AA992138, AI352529, AI500209, AI361672, AA314888, AI005214, BE222753, AI675983, BE328528, BE205956, AV740876, AA070015, H96476, AA977410, T78443, AI086891, AA515679, BE019176, BF912873, AI249434, AA447097, AI274337, AA428629, AA833996, AW873322, AI681656, AA082507, BF943905, AA227125, BE247397, R37636, AW250600, AI687052, AI358677, H96957, AW473153, T91051, AW248442, BF744302, T60627, AW663019, R39054, R55955, AA069905, BF745935, AA342067, R41926, T78356, BE179451, T78507, AW247353, AW627903, T85913, AI589713, BE938647, AA102550, AA661692, AA342066, AW275380, BF743364, AA102201, AW273693, AA384787, T87442, T83773, T81646, AW835581, AW805131, AK022373, AK001317, and AF151050.</p>
HLMDX3 7	391	831314	1 - 853	15 - 867	<p>BE221808, AW024347, AW083151, BE466444, AW969602, AI762204, W68684, AI817645, AW612524, AI492111, AA642933, AW772421, AA759191, AA113168, AI739413, AI829451, AI700345, AA399648, H12309, AI432082, H12362, AW137435, AI263207, AI953989, AI263215, AA397734, AA513369, BE906442, and AL049851.</p>
HWLHW6 4	392	831475	1 - 1487	15 - 1501	<p>AI346913, AI738438, AI982979, AI738632, AW965221, AW339063, AI763162, AW593034, AA877557, AI460305, AW192747, BE394354, AW593059, AW572528, AA573810, BF061428, AI432211, BE563844, AW192586, AW338621, AA576730, AW731768, AW631491, BE818471, AW973529, BF529567, AI659952, AI917641, BE818521, AI659962, BE818560, AI982681, AI634256, AA535871, AA618562, AI796661, AA502765, AA085144, AI281079, AW275145, AI432985, AI802757, AI366825, BE818501, AA652901, BE818551, BF475450, AA903524, BF222156, AI034060, C75463, AA405715, AA085096, AW965229, R48347, BF445578, AA907131, AA065003, R48348, R76010, AW389827, AA345978, C75530, AW768812, BE818555, AA405780, AA514519, AA974946, AA069277, Z41149, AI829857, AA151202, Z45442, F08881, F11218, R48251, AI349012, AI669864, BG261383, AI698391, AI401697, BF754990, N29277, BE787720, AW020397, AI670895, BF055899, AI499325, AI318603, BF054877, AW303152, BG030372, AL118781, BG110599, AI539260, AI345778, BG120442, BE881363, AI621341, BE393784, AI619820, AI638644, AW089351, AA749425, AA928539, AI699823, AI741158, AW827289, AI590043, AW051088, AI540674, AA808175, AI491775, AI473536, AI536685, AI036705, AW188525, AV650703, AW268293, F36874, AI250627, AI814594, AI434731, AV734923, BF753056, BE965208, AA587120, AI354998, AL079799, BE011880, BG034146, AV745810, AI921087, AI923989, BE964454, AI370623, AI440238, AI147877, AI956004, AI927233, AW078839, AW073824, AI589428, AI799179, BE818561, BF892007, AI582529.</p>

					<p>AV681924, AL121365, BG180273, AI276014, AI590020, AI686565, AW188840, AI863002, AW089275, AI620864, AI422688, BG026483, T69241, WA5039, AW148423, AI244343, AI633125, AL041996, AI538564, AI915291, AI635634, AW152182, N25033, BF527697, AL036780, BF877648, AI582932, AI570056, AF159228, AF131809, AL136531, AK022318, AL389935, AK027096, A76335, AK025239, AK026462, AR034821, AL137480, AX046753, AK025356, M79462, I48978, AK026590, AK026649, AF054289, AF254119, AL080074, AL137557, AF232009, AL390184, AF172400, I89947, AK025435, AB040710, AF130099, U62807, AF177401, AI442082, AK025391, AK000257, AK000414, AL049452, AL137550, AL133559, AF065135, AK026959, AK027103, AL137554, AL390139, AF026124, A91160, AF199027, AL133049, A91162, AR038854, A08456, A31057, AF111851, AL137533, AL137479, S61953, AK024588, AK027082, AF200464, AK025857, A08907, AL133637, A08913, Z97214, AL133623, AK026506, AK026613, A20553, AL157464, A08912, I32738, AL137555, U35846, A08911, X81464, AB016226, AK026894, AK025209, AF116654, AL080139, S82852, S77771, AL110225, U92992, AF116691, AK026528, E03671, A77033, A77035, AF132676, AK025860, AF061836, AF079763, AF111849, AF185614, D00174, AK024747, I09499, AL110224, S76508, AC006112, AK025889, Y16645, AK027121, I33392, AK027173, AK027164, AF114784, A58545, AL359623, AL136842, E02221, AB030279, AJ005690, U75370, AL157480, AL390154, Z13966, A49139, AK026927, X99971, AL110269, AF077051, AK024524, AF119899, AB048881, AK025084, AB048954, AF116644, AF130082, AL137294, A08910, AL355701, AF179633, AL050170, A08909, AX046716, AB047941, AL117416, AK026762, A93350, AL110221, AF124728, AF060555, AX010492, AL050155, A08908, AF145233, X66871, AL117587, AJ299431, AK000137, E12580, AL110296, AK026741, AL355719, AF047716, AR085693, I18358, AK025708, AF079765, AL389982, AL080118, AF113694, AK024533, AF130055, AF087943, AF089818, AL442083, AK026844, AK025119, AB048975, AF169410, AL080156, X93328, A03736, AF019298, AL441883, E12747, AL133560, AL137627, AK024992, AF116609, M85164, E01314, AK024944, AL110158, AL117457, AX040958, AL023657, AF202636, AF130110, AR068466, AF227198, U88966, A48221, AF107018, Y14314, Z35309, AF026816, A18777, I89931, AL122110, AK026542, AF031903, AK026870, AF217989, AK026057, AL050277, AR029490, AL137258, AF217973, AK000418, AK027142, AK026038, AL050092, AL137530, AL157433, AL137267, A48220, I08319, X53777, AK026857, I89934, I89944, I00734, AL137537, AR087170, AR094308, AK027081, AK026504, X00474, and S36676.</p> <p>AW969499, AI972460, AI341541, AW117403, AA503530, AI801928, BF437835, AA652990, BE223037, AI023577, AA493335, AI301379, AW242107, AW205773, H47985, AA399603, AV648259, AV648284, AA397807, AV648519, AA151955, R85968,</p>
HHERA41	393	831577	1 - 1034	15 - 1048	

HFXTJ43	394	831638	1 - 955	15 - 969	AA463729, AA465518, R42109, AW972376, N40083, BF903023, AI032195, C21006, BF885212, BE546224, BG259386, and AA948774.
HE8CL14	395	831872	1 - 2553	15 - 2567	AL120900, BF347826, AA235268, AI123315, BE090603, BF904457, BF347684, AL048805, AB002303, and AC018764.
					BG260876, BF793455, AV723596, AV706288, BE218018, AA193348, AW000940, AW970408, BE670613, AA287444, AI697530, AV724515, AA778715, AI912652, BG057678, AI337845, AI031941, AW028146, AI219839, AI239899, AW149133, AW296657, AA868439, BF511087, AI130017, A7161475, AA689396, BE645076, AA748665, AA535607, AA687414, R15368, AI039529, W78107, R84945, R97223, W79932, AA809715, AW195631, AA630124, AA164390, AL276374, HI2382, AI381532, R36669, HI2331, R97224, AW027809, R36227, AA382264, AI351706, R36228, H47986, BF445571, AW297460, BE835849, BF926881, AA193466, R39751, R58394, AA149874, and AF189251.
HLWFI59	396	832119	1 - 1254	15 - 1268	AV708798, BG118622, BF971584, BF342096, AV708329, R18293, AA463262, AA463615, AW160405, BF726027, AW207311, AW606708, BE465419, BE566680, AW993446, AW407583, T81621, R01539, and AK024966.
HAIJCQ05	397	832451	1 - 949	15 - 963	AL528286, AL52614, AL520144, AL522268, AL524039, AI675158, AI583939, BF316514, AW731886, AI871134, BE304483, AW084129, BE262765, BF448560, AA846540, AA036794, AW519299, AI500206, AW007351, R82234, AW001278, BF568964, AW878040, R60553, AA477048, AA476936, AA595354, AA757328, AW997324, BF568205, AA371948, AA036769, AW273842, H61179, BE379439, BF034979, AL528287, AL532439, AI700260, H91896, AI526465, AI337139, AW770188, AA036762, T11235, AL530848, AI735154, AI056619, AL520145, AW073008, AA373830, T10652, AA961999, H92351, AL525381, BE901312, BF311342, and BE800002.
HAGHC54	398	832485	1 - 819	15 - 833	BF184463, BF242917, H81182, BF831861, BG150237, BE889832, H91282, R66741, H53265, H53264, AA526672, H53769, R63025, H54405, AW516781, R71007, H54489, AA436320, AW861314, AW372386, AW372389, AW372388, AW372392, AW372390, BF762490, AV724984, H53822, AW955465, H81181, AW384098, BF507383, AA305047, BE673529, AW301702, BF961763, AA468784, AK026843, AL023583, AC005777, AL034582, AL020990, AC005954, AC002508, AC005245, AL365214, AL035693, AC005018, AC010082, AC003046, AL031284, AF013593, AF002022, AC005859, AD000813, and AC005089.
HULAY53	399	832587	1 - 700	15 - 714	AW954167, AV717830, BF248287, BF698595, BF692401, BF210704, BF207735, BF666588, AU131933, BF212100, BF571655, AU126660, BF700418, BF701066, BF670597, BE892318, AA133892, AA173369, BF691437, BF983929, AV703253, BG260422, BE618017, BG179172, AW405000, BG035796, BF797413, BF977552,

BE748153, BE748567, BG163833, BG025219, AA479643, BE564006, AW583013, BE379103, BG121908, BE312121, BF673665, BF210095, AA308103, BF238492, BF978206, BG026795, H47080, AA477100, BE250803, BE566005, AA401012, BE790765, BF240110, BE887513, AA401099, BE561090, BF317140, BE783114, BE467660, BE788596, R98575, AA088505, BF690869, BG031640, BE742316, BE746047, BF692604, BG025804, BE383477, BF693815, BE728672, BF210316, BF983836, W00676, BE736890, BE815258, BE963323, BE007588, BF209922, H70695, BE563285, BE250230, BF239218, BF238963, BF692228, BG032907, AA287074, BE743393, BF132281, BF211889, AA421366, AV747697, W42983, BF591604, H23877, BE618571, BE566863, BE905026, BF977787, AA322157, H82450, H78773, BE277528, AA158600, R80833, AA721698, AA526825, N27821, BE467037, BE868395, BG035545, AA149110, AA035404, AL523940, BE262151, BE882471, AA158621, W02947, BE906295, AW064022, BF899392, N73359, AW961128, AA187062, AA130211, R98296, N93427, C03853, N88492, AA340920, AW883486, AA513784, H65548, BF130880, BE818498, H91239, AL565802, AA541790, AI188269, AI338742, AA380545, AI041177, AI857704, AI421860, N42658, AI608962, AA133994, AW067700, AW081990, D20716, AA857480, AW778961, AA345017, AI189800, AI979046, BF669840, BG057256, AA340603, W04169, BF218938, N92521, AA121112, AV709866, BF572628, AA100939, BE007634, W38968, AI735040, BE925972, AW072841, AW131162, R11548, AA555043, BF382596, N35914, AA149111, N87271, AA847298, AA010121, AI038076, AI333478, R11537, AI336156, AI160310, AI494501, AV746870, AI672758, AI369296, AV728699, N83545, AI333476, AI126897, AI749360, AA341429, R92244, AA669504, AA089586, N43981, AI088643, AI718389, BG026981, AA703207, F36640, F20628, AA694227, AA502645, N86420, N26049, BE299069, AW273893, AA088451, W21469, N34652, F26081, AA064910, AA860645, AA694117, AA284531, AI420366, BE833135, AA448241, AI469668, AI189806, AI636826, AI033719, BE250749, F20597, AA477331, AA575937, AW511922, N53859, N31599, F36132, H98101, AI186260, N47052, AA112059, AI193952, N32788, BF814890, AA065188, N86264, AI340972, AA576225, AI034254, AA916347, BE262363, BF733136, AA654495, U09813, AL139095, and U51167.					
HE9DL48	400	832624	1 - 457	15 - 471	BG257927, AW590657, BE879400, AI768979, BF795563, AA314374, BE242597, BF761254, BF761247, AL526855, AW961210, AW939345, AA580098, BE731068, AA313261, AW961206, AA233499, BE276849, AW594006, BE242254, AW408727, AI751632, AA300475, BE387790, and AK000294.
HFKEH50	401	833067	1 - 1663	15 - 1677	AL515814, AL515776, AL520605, AL515815, AL525649, AL515777, AL534165, AL525747, AL534166, BF313091, AL520606, BF342613, AI064806, BF344711, BE742923, BE797091, BE898647, BE856301, BE263819, BF528629, BE737142, BF685049, AI140344, BF063934, BF244655, AI763061, AW340290, BF683133,

					<p>AI659614, BE795356, BF036962, BE29854, BF310103, AV752738, BF034915, BE798202, BE904852, AW193974, AI554886, BF16436, AI086027, AA410368, AI937139, BE274089, AI218197, AA918821, BE312226, BF314999, AV645326, AI336469, AA829365, AW207732, AW473975, AA577435, AW402756, AW070946, AV723824, AI610462, AA722774, AI903581, AI880283, T90764, H22929, BE540568, AI623603, AA404313, R54057, BE260879, AA404713, AA912779, AW168607, AA079100, BF092248, AA609213, AA406191, BE673415, BE350786, AW952354, AA923714, R54056, AA325220, H24109, H70703, AW750290, W81523, AA330197, AA293154, AW590611, BF880685, BF837510, AI218895, AI198020, BG258381, H08723, BG002684, AA649195, AI672973, H08439, AA927962, AI873660, BF086702, T09449, AA774521, BE044401, AW794716, BF767735, AI902460, AI383372, AI204653, AI361791, Z39695, BF245003, AI187740, AA079003, AI903535, AI867628, BF847373, BF854730, AI689520, AW297870, BF965605, BF678079, BE355674, F02166, BE547512, BF847264, BF804160, BF115405, AA477404, F04433, BF541812, T83213, BF767508, AW797192, Z42682, AA335484, BF733974, AA430434, BF804096, AA479566, R16340, BF847254, Z19095, R41416, Z45578, W81639, BF833057, AA971991, AA453110, AI902445, R87881, BF917644, AI564885, AI811209, AW083638, AI568516, AW376204, AI755186, AI523835, BE766985, BG165048, AI627893, AW082226, AI440284, AI954721, AI364589, AI934011, AI688858, AI539800, AA659690, AI540179, AW129264, AI932739, AI829432, AI270448, AI719817, AI873604, AI141406, AI885982, AW081383, AI824746, AI269469, AI274655, AI287252, AI678446, AI866893, AI890183, AI689157, AI802244, AI476478, AI266652, AI799968, AI628325, AK000833, AF226048, AJ289857, AI110160, AJ297977, AJ289848, AJ289856, AJ289847, AJ289849, AJ289842, AJ289846, AJ289851, AJ289852, AJ289844, AJ289855, AJ289854, AJ289853, AJ289850, AJ289843, AI050149, AF183393, AF061981, A31001, AF136009, AI133619, AJ299431, AI080159, AB040710, AR038854, AK000027, AF314091, X99971, AF122922, AI050366, I80062, AI133062, AK027209, A45787, AF199027, Z14122, AK026462, AK000418, Y14314, AF124728, AF217973, AI138832, AI050138, AR094160, AF131821, AK000484, AF000167, AC004805, AI157479, AF204760, AI080154, X68497, AX030362, M76612, AI133559, AB011076, AF267739, X99270, AK025738, AI137682, AF001601, and AF001698.</p>
HUSXK49	402	834541	1 - 2106	15 - 2120	<p>AI515964, BG248539, BE383293, AW952398, BE876088, AW968514, AA481480, AA292243, AW007814, AI936957, AA524286, BE855621, AI863909, AA291405, AA482101, AI338746, AA480134, AI094613, AI096869, AI340064, AW057831, AW005778, AW516744, W94068, AU149162, BF811939, AI360977, AI421557, AI515965, AI922132, AI361016, AI922862, AW188664, AA770298, AI888216, AI566341, AI146352, AI357394, N25476, N94480, AA551238, AI086723, AI034063,</p>

HTSFU12	403	834610	1 - 640	15 - 654	<p>AI359797, AI922424, AU139823, AW131152, AI362874, AA287465, BF432411, W94067, AI445988, AI360188, BF475441, BF508609, AI040574, AW071542, AI423481, AW087313, BG056533, H65453, BE964668, AA00811, AA873767, AI421759, N20109, HI7205, AA470698, R52191, AA401003, AV701965, AI037116, AA291836, AI356823, AI271977, BF980704, T58139, AA679957, BF214227, F11692, BE813293, BF939399, M79269, M79166, BF805411, AA480986, AA505288, AW166753, H64855, BE867938, AA287330, AI085523, AA481718, AW380122, AI936830, BE383758, AI582908, BE245999, HI7104, R52096, AW191028, R46499, AA853935, AI880712, AA481002, BF447091, AW058498, BF755009, F09352, AW236108, BF508271, AA305557, AW362526, AI263664, BF751874, BF981684, AA300794, AA570059, AI183653, AI913894, T63077, BF057036, R21402, AV659818, AI193950, AI364237, F30056, D54296, BF876419, BF449072, BF753185, Z44982, AA428538, AA095376, AW886787, Z40719, R21940, AA789159, H43298, AA398890, AA524336, BE931183, N31573, AI037115, N42586, AA401670, BE763347, D81182, AA953460, AI368429, AA864269, AI024382, AV706318, AI648405, AA921717, AW054979, T06812, BE931184, AA744883, R22588, AI613427, BF508268, AW993553, AI598125, AW993667, BE931181, BF034856, BE907503, AI867824, AI739102, AU155736, AA665659, BG060060, BF872254, BF752405, R45865, BF206436, AW379806, BE934289, AA770113, AU125523, BE876343, AI049539, and D87444.</p> <p>AV645797, BF576372, BE875854, AI814466, BG056208, AA641625, BF590255, AI207769, AA769330, BF439433, AV739607, AW952859, BF057456, AI523978, AA778120, AI126087, AI818767, AA521036, AI761020, AI356487, AV743366, AA056741, AI492657, AI129903, AA806392, AI066491, W75955, AI421680, AI419209, W69164, AI478752, AV741200, AI492658, AI436418, D19625, W80846, AI754924, F36670, AA301711, AI494483, AI208665, AA836089, F22593, N29686, W80797, AA147362, AA988305, T30433, N56696, AV741023, AI188587, AI568721, AW268728, W72859, AA341743, AV735356, AI453018, AI702981, AI832770, AI418592, F22210, F33298, AI093545, AI927404, AA595920, BF880862, C17866, AA365845, AI453017, BF216971, AW001063, F27098, F24313, AA309787, AA894545, F27921, AF151025, AF077197, AF054825, and AC004098.</p> <p>BG259399, BF307397, BE904641, BF308750, BF038514, BE298533, AI005028, W72694, BE551307, AI697515, BE218764, AU121500, AA622527, AA029760, AI701511, BE219529, AW339103, AA447650, BF353565, BF116187, W77809, AI769081, AI341093, AI360836, AU147300, AA136867, BF114827, W93881, AI283783, AI192892, AA030016, W02154, BE677375, AW206855, AV706621, BG056759, AA044298, AA136797, AI040302, AI086876, BE712689, AI376650, AW129652, R83741, R56757, W32488, BE712527, AI469894, AW015059, AI769127, T51127, H23334, AA448054, BE261534,</p>
HELM15	404	834810	1 - 1559	15 - 1573	

					BE712068, H23221, Z42428, AW592431, AA843467, BE711595, R36957, R53400, AI420084, AA044125, R83586, AI349597, AI349234, W94152, AI247576, AW073678, T46846, AA328802, R53994, AI383570, BE149945, R56909, BF820586, T17042, R39074, AW946174, BF379206, AW438998, Z38633, AW946214, AI659755, AW874504, AI863779, BF698572, BE693226, R11839, BE079713, BF892930, AL529727, BF889327, AW877263, AK022195, AL139339, AF131810, AR081887, I80055, AR081888, and I80056.
HTEP13	405	834931	1 - 799	15 - 813	AW001355, AA426091, AW182920, AI698237, AA844647, AW592578, AA436649, AA936263, AW072458, AA678521, AA442457, AC005789, and AC005625.
HDQHB46	406	835271	1 - 1334	15 - 1348	BF061943, AW812433, AV713655, AA304148, BE185725, AB013924, and AJ005766.
HCETE50	407	835488	1 - 1582	15 - 1596	AW957127, AW953197, BE699177, BF362475, H18763, H19382, T08941, W28724, H20445, H05887, H21009, T33258, Z43127, H06032, BF362457, H14789, H09417, BE840978, R18477, T31649, BE841097, R21591, Z42039, Z44001, H10688, R21592, T80521, R14159, AA319395, AA670416, BF946986, and AB047631.
HDTBO48	408	835717	1 - 1550	15 - 1564	AI684877, BF983903, AW849899, AI621094, AA521019, AI382190, AW959071, AW959070, AW297076, AA261967, AA521108, AW503885, AW849783, AW976127, AA749367, BE165960, BF351343, AW607556, AV756824, AA767511, AW501974, BF359614, AW195175, AW504264, BE621581, AA385374, AV750803, BE173541, BE707720, BE244488, BF893281, AX047350, and J03535.
HODGL01	409	835896	1 - 915	15 - 929	BG035761, BG057691, AW167686, AI244908, BG230729, BF846088, AI991247, AV692057, AI830013, AA399299, AW029184, AU155137, AI968957, AW150717, AI680350, BF197851, AI287311, BG236203, AA018793, BF514189, AA399126, BG236059, T72915, R70366, BF689110, BF847901, AV687419, C01453, R69417, H86424, T64602, Z17845, BE048635, AA477095, AA001218, AA292279, BF342895, AW939909, AW055348, BE221910, AW591420, AI693898, AW938809, AW362678, AI924575, BF879356, AI758498, BF036475, AW664221, AA001177, AI955496, AI537441, AC004552, and AX022287.
HE8TO35	410	835965	1 - 2304	15 - 2318	BG114804, AV718161, BG119784, BG115294, BG163956, AV752850, AW362005, AI537244, AA425593, AW579708, AI193122, AV732860, AA778426, AW367244, AW856936, BF377273, BE675130, AW292921, BF978611, AA194252, AI937228, W63710, AI222740, BF349929, AI348188, AW856088, AW665835, AW005582, AA025880, AW959277, BF333804, AI753237, AI417243, AI339985, AI139606, AI972128, AI126385, W52543, AA829354, AI088259, BF333819, AI302240, AW675446, AI078819, AW857034, AI628857, AW005637, BE789386, AW516855, AI083537, AI299395, AA035526, AI492529, AA932845, BF969574, AI682947, BF375157, AI334135, AI923621, AI268859, AA425629, BF818440, AI635633, BF804458, AI022376, BE350523, AI580195, AI085676, BE547828, AI138968, AW102884, BF333807,

					AI920867, AA005425, AI240384, W52544, W39677, AI087384, BF333811, AA227905, N49885, BE539364, AI933336, AI670129, AA232843, AI221780, AA253379, N98508, N71409, T60255, BF761279, AA004925, AI066394, BF811217, AA311893, AW571609, AI302764, BE888442, H29427, AI080166, AA080646, AA844294, AI299456, AW265722, AI147714, AA464423, AI342664, BF807121, AA765193, AA293625, AA876118, AI074827, R60024, AA233282, AW302271, AI693779, H43349, AI245406, BF929843, AI446122, R24873, BG118726, H12893, AA995705, AA005426, AA934521, AI753445, AI445689, AI061151, R60084, AW366962, R44689, H38317, T90537, W44818, AA253378, H43212, AI193460, H78422, AW378644, AA934622, N99734, AA974340, BE049268, AI949379, AW102871, AA719170, AA807276, AW149309, AA464422, H78222, AW265649, H40537, R68103, AI277059, H43181, AA430350, T34512, AI076849, AI092386, AA347001, T81330, AW589372, N42654, H26609, R43362, BF735808, BG231066, Z40090, BG248899, AA334085, Z42420, N31595, AW378680, R21027, R68147, AW468701, AA257048, H58243, AW058593, AA004926, H38286, H12894, AA886683, F02035, BF593823, BF131565, AI559907, AI134712, F05789, AW062917, H43311, N49990, AA295950, AI364249, AI080028, R52133, BF748425, AA778257, D82555, BF804455, AW379516, T81506, AA347002, RS2222, BF377711, BE002789, BF735672, T83072, BE005358, H26654, BE082628, AA227588, BF092102, BE774491, R19441, BF092109, AI382725, AA169731, BF807108, AA936648, F01928, BF85654, W31073, AW367337, F06985, AW378675, BE765476, BF858661, BE082824, AW864790, BE766279, AA946635, BE709973, AW383268, BF917259, T61637, AW997055, AA304629, R17644, AI002910, AW996944, AW383275, AW996855, AW383260, AW383146, T24808, Z99943, AK024700, AX013163, and AA425423, AU133135, BG168529, AU125669, BG003223, BF996340, R47419, AK001707, and AK022708.
HOHCB06	411	836191	1 - 605	15 - 619	AA307802, BE167429, AW847394, AW609384, AI523577, BF367034, AI743228, BF332768, AI492174, AI798703, AI084062, W22441, AI003575, AI355318, AI452975, BF512149, and AI470192.
H2CBN10	412	836762	1 - 1195	15 - 1209	
HBINB08	413	836997	1 - 2280	15 - 2294	BG168908, BE669599, BE559886, BE671245, AI039242, AW574499, BF035202, AI817157, BE551031, BG058530, AI742018, AW504483, AI685441, BE549639, BE869110, AW500613, AW503295, AW513121, AW167429, AW500336, AV661781, BF446667, AA587395, AI961516, AW575813, BF438087, AW364816, AI765818, AA584374, BE799849, AI651724, AI800997, AW937184, AW575819, AW438897, BE503201, AW503486, AI637483, AI829845, AW009504, AW504274, AW518691, AW272519, BE267561, BF891128, AI279109, AI276513, AW166344, AI143557, AI273342, W56046, AI185723, AI471654, AW501952, AI281077, AA190380, AI310063, AW503285, AA159740, AW004740, AA280638, N73283, AA132689, W86235, AI689171,

					AI735565, BG036831, AA836560, AW130761, AA522514, AW129199, AW364811, AA625247, AW572342, N91945, AI724939, AA282004, AW364805, AI431950, AV661906, AA159610, AA580462, AW407894, W00701, AA541247, AA564425, AW295551, AW768660, AW504085, AA862370, BF801898, AA627299, BE463915, AW451417, W07451, BE300058, AA022631, AI796881, AA936243, AW605271, BF087798, H20906, AI216092, AI689636, F02785, W02331, N68375, W02301, AA723803, AW579427, T36036, AW408204, BF931164, BF804743, AI940700, W86262, Z43375, N69053, AW008968, F09459, BE707039, N41561, AA376661, AA580447, F11811, AA836418, AW505030, AA642416, AI866285, Z45807, AA533194, AA456569, BF798123, AW272544, AA022778, AI696746, AA553695, AW051076, AW062930, AI439991, AW449051, AW770179, AW605256, F08564, AW768397, N81090, AI625463, BE925275, BE814396, AI401779, AI611677, BF446360, AW856279, AA978095, F04771, N73077, AI939992, F04674, AW401415, BF827507, AI301465, Z20150, BF512890, AW795379, AW407546, AI269788, BE832751, AW753775, BE974107, AW879506, AW874245, AA190789, AW805911, BE769247, AK025282, AB018289, and A74692..
HEAMF80	414	837474	1 - 803	15 - 817	AL526596, AL526715, BF672476, BE874145, N67509, AW606346, Z19454, AI421808, BF686638, AI421699, AA906877, AI128103, BG150321, N55943, BG023772, AF114494, AF162707, AF114493, AF266850, AF266848, and AF266849.
HDPUR66	415	837522	1 - 829	15 - 843	BE254640, AA088854, AA852449, AW380030, BE775113, BF753622, BE144774, BG115298, AW083330, AW753578, AF227905, AK023671, and AF200359.
HBWBX66	416	837523	1 - 735	15 - 749	BF880772, AA333308, BG115298, BF370277, BE144774, BF800471, AA085901, AK023671, AF227905, and AF200359.
HMHBR95	417	837526	1 - 670	15 - 684	AW574753, AW007117, AI348176, AA621833, AI829871, BF732563, AI280136, W96330, AA748366, AW968242, AA255609, AA948690, AA018866, T23657, H85940, H85573, AA017115, R85834, AA018636, AI022939, AA017238, AU134521, BE269699, AL536302, AB031051, AF104334, AL357033, and AK023410.
HEGAU68	418	837527	1 - 491	15 - 505	BE389141, BE389626, BE391847, BE390520, AA057228, H85626, H39014, BE937870, BF725625, H37972, AI907720, and AA013159.
HMEAD61	419	837597	1 - 2649	15 - 2663	BE729647, BE789481, BE3866405, BG258301, BE515074, BE280391, AI459129, BE644930, AI660728, BE894488, AW749978, AW169336, AW370341, AA719364, BF439379, AI361918, AW188152, AI690424, AW452738, BE904978, AI810025, AA281766, BE890960, AI150426, AI587146, AA630686, AI160979, AI741787, AA634292, AA824631, AW900280, AI689370, AA233695, AA351589, AA769227, AW264224, AW029513, R41719, AI985709, AA634567, AW269038, AW674550, BE886173, AA351643, H23984, H22704, R36553, AI819095, AA973659, T58501, AI538888, AW661810, AA649086, AI933293, AI673569, R32827, AA973736, AW273585, AI497846, BG057154, AI364341, BF755875, BF927524, BF963119,

					AW615711, AA356192, BE501436, AA937403, AA353188, R17171, AA922835, AA026761, R27062, AA280121, T99539, AW408651, R32930, A1796641, BF927128, A1537859, A1250269, D81030, AA693444, R27063, AV73591, AW375956, BE383830, N56014, BE890564, R06448, AA126901, BE732309, A1276126, A1963082, BG222601, AW964936, BF345885, BF448000, AA806733, AW802995, BF346206, BE733387, BE383286, BF753869, BF125887, BE777790, AW410405, BF307973, AA905213, BF346212, T58551, and AL035681.
HDJDF94	420	837726	1 - 465	15 - 479	BF343694, AU126910, AW970004, BE907577, BF676791, BE788909, BF813629, AL533833, AA588382, BE731437, BE737688, BF967077, BF725223, BF207957, BE564507, BF208159, N80329, R22829, BE772590, R17380, BE866037, N94214, BF965044, BF208977, AV657236, BE272694, BF210281, BF949650, T69554, H70673, A1928801, R52799, H17761, N91665, H55988, BF725860, AA235201, AA193652, BF243020, A1917109, BF184855, AW003912, BF211115, A1080595, AF151861, AK001347, AF153605, and AL023581.
HKAJL51	421	837785	1 - 573	15 - 587	BF696654, BF218442, BG167651, BE149009, BE344501, R43179, AA159953, AW474222, W81455, and AK027201.
HODGZ47	422	837858	1 - 1887	15 - 1901	AV714319, BE245435, BF085080, BE883963, BE315412, T67179, BE731249, BE732012, AW501306, BE077539, AV702985, AC007041, AF315591, and AF315590.
HTJMQ74	423	838145	1 - 1484	15 - 1498	AA709155, BG119984, AW519003, AA877551, A1200706, BF338038, AV717315, A1422381, AU150354, A1754711, A1333933, AA548510, AU118207, AA419622, A1753594, BF577095, AA243811, AU144834, A1961432, BE926182, AA599372, AW316693, AW241333, A1474277, AW797789, AA417659, A1242450, A1393312, AA643987, H92371, A1089479, AW999395, AA243499, BE145749, AA758663, BE184602, T25086, and AK000996.
HOHCE56	424	838619	1 - 2334	15 - 2348	BE746374, A1743383, A1189480, AV728988, BE899408, BE746781, BE562186, BF347181, BE561742, BF530313, BE294788, AV722367, BE297333, BF309493, BE743200, A1952007, BE299126, BE397775, BE268309, AW571554, AW952382, AW268367, AW269905, AW130259, BE857180, AA994030, AA639694, BF310849, A1039861, AW469101, A1280124, A1813888, AW087805, A1400646, BF434700, A1095733, AA843902, BF527954, A1056993, BF507388, A1040027, AW043686, A1184877, BF727202, BE019740, AW001144, BF305457, A1221461, A1744692, AA939338, A1188291, BF060991, AA884553, BF111321, BE222971, AW078707, A1354719, A1362107, AW239541, BF058113, A1961777, AW468853, AA620650, BF058488, BE327064, AA782108, A1631591, BF307205, Z98493, AA601020, A1123005, A1281234, AW300196, A1371785, A1983407, A1907175, AA977540, Z98494, AA037644, A1971518, A1696796, A1291368, A1193049, A1805625, AA028948, AA654142, AA424708, AW068434, H18114, A1042264, BF945716, BE902648, AA035346, A1085855,

HLJB145	425	838808	1 - 775	15 - 789	<p> AW075664, AI189906, N50916, BG152447, AI192226, AA137064, W65336, AI147886, W86749, R55061, BF923686, AA584282, AA621825, AW068276, AI018251, AA028947, AA954337, BF868739, R48880, AA082844, BF871643, H50357, BF940371, BF931509, H03762, AI991634, AA613635, R74334, BF740062, AV721662, AW051544, N26167, W96508, W65306, AI298050, AA137135, H27911, BE206342, AW015653, AA885454, N71800, AI750973, BF929294, AW067959, AA236213, AV723825, AA984404, AI744638, AA419024, R68793, BF594397, AI741716, AI742212, R69300, R48488, AI991641, BF923702, AA984360, AI142695, H02866, N26168, AA295172, R55030, H42461, R69284, N50788, AA022527, R48489, AI475336, AA668542, H14200, AI219092, H18159, R25771, R74427, W35175, H46438, R69301, T48913, AA452705, R69285, AA989514, AI219145, AI468487, BF357697, AA295171, T48912, BE702963, AW733005, BF928802, AA904744, AW014159, AW444859, AI722234, BF514530, AI085799, AA083138, H43664, R48776, W87321, R26607, AW581330, D59307, AA377483, H42862, H44735, T12571, BF997408, W20398, AA358896, AV751736, BG014799, H50395, AW068024, BE294110, BF956105, N55145, AI915948, BF932203, R73224, AA037643, AW834928, AA450064, AI185266, W96475, AA236214, AA975214, BF941646, AW244038, AW578281, AA022459, R25786, BG007442, BE767081, AA326207, AF177203, AB040935, AF218016, AC006312, AC006312, and AC006312, BE732828, BE781977, AL527780, BF026407, BF684507, AI527781, BF725812, BE780848, AL519895, BE736231, BE728826, BG105762, BF036674, BF681153, BE387517, BF213309, BF667921, BE782483, BE78075, BE390815, BE778881, BE779179, BE563797, AV759501, BE513040, W52852, N34255, AW160399, BF679234, BE960859, BG254402, BF239121, AV751872, BG033941, N30499, BG170723, BF972946, BG025362, BE276608, BE876001, BE883738, BE784090, BE440008, BG252431, AV721356, AW239079, AV711565, AL519643, BF036389, BE904995, N42142, R20300, AA312807, BE380086, AL519894, BE280989, AV734719, BF691779, H70394, N23533, H73369, BF028243, AW407963, BF697509, AA455701, BE253888, BE739508, BE874970, N43927, AV725874, BF217992, R97376, W19497, H79944, BF726887, BE739243, BF084806, BE961088, BE778879, BF195663, W31972, BG165235, AI631124, BF244338, BE894109, AW407596, AA302225, BF516510, BF440019, BF701098, BE866570, BF440052, BF182781, AA132425, AA305409, W80575, R07414, BF666742, AA182911, T70776, H73299, AA127810, BE543360, BF666828, W76420, AA120782, C00198, AA024761, BE254564, AA229940, AA307572, AL519642, AA309712, AA093843, AA364785, BF248231, AA045678, AA326688, T85051, AA639784, AA223846, AA176320, BF971153, AA230126, AI245848, BF593734, AW407906, AI088520, BE019593, BF749645, AA035464, BF243942, AW175673, AA329750, W07289, AI719084, BE675483, AI984009, AI719711, AA332809, R57473, </p>
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HSCL04	426	838860	1 - 1002	15 - 1016	AW173349, AA687553, AA035465, AA467792, AA364309, AA535330, AW162019, AA372693, AW953806, AW362109, W28003, AI978624, W27692, BF111041, BE834190, AA876647, BE741827, AA643698, BF741937, AW575396, AI361959, AW152523, BE877161, N88793, AI342341, AA121482, AI887169, AA299454, AI954927, AI336152, AI953987, AI142474, AW051781, N56317, H03161, AA088249, N55991, AW390100, AA922338, AI609114, AV750827, AI359968, AI144474, AI202809, AW205900, H96200, Z20434, AW939020, AI680538, AI358777, AF151028, AI024498, Z98752, and A74520, AI282710, AI121712, AC008569, AI109797, AI138733, AC002369, AC007216, Z93015, AI031311, AF196779, AC005837, AI109827, AI109823, AI139342, AC009032, AI118525, AC005740, Z84469, AI021453, AI096791, AC004905, AP001717, L44140, AC009060, AC001131, AC004686, AC005736, AP001725, AC011742, AI136132, AC004217, AI138807, AC005520, AI117381, Z99716, U91318, AC011491, AC005562, AC011495, AP001716, AC005046, AC004965, AI022329, Z98742, AI137073, AC007298, AC005920, AC005972, AI133387, AP000114, and AP000046, AI522826, BF971476, AV706728, BG258636, AA444396, AV706427, BE568645, BF000392, AI525744, AI991353, BF792197, AV707298, AA101469, AA419167, AA401605, AA633141, AA827143, AI692194, AA214618, AA157004, AW051537, BF838603, AI904815, AA566141, AA566144, AF125531, AC003083, AC024947, AB028070, and AB028069, AC023823.
HJBR52	427	839006	1 - 1244	15 - 1258	BE730331, BE730328, BE966948, AW373793, AA553665, BE932271, BE674212, BF570050, AI184600, AW004692, AI190674, BF438824, AA482462, R45646, AI521134, AA973962, AA211375, R42556, AA720003, H11452, AW966533, AW966529, AW009222, AA417872, AA632195, R52677, AI360146, AI366341, R61892, BF207156, BF963111, AA720022, BF527830, Z41453, BF889044, R87776, BF889041, W38313, AA483558, BF888313, R55720, AW996106, R43749, T30657, H95699, R86859, AA426408, R10214, BE878555, R87766, R87830, T15918, T78493, T34747, F03602, T16643, BF317404, H50912, H08592, AI302317, BF961295, Z99411, AA643729, BF570021, AA363950, R43750, BF960575, AA522619, R41527, F02068, W84692, R43495, BF314907, H95698, H52035, AW947289, AI092517, AI291295, AI570476, F07877, BF570107, AI951902, H38986, AI553790, AW268395, BF511319, AI312547, AI344432, AI343814, AW450243, AI681390, N44903, W84640, AA614791, AF131749, AJ245820, AJ245821, and AJ245822.
HSLEK65 HWGAR42	428 429	839237 839272	1 - 867 1 - 860	15 - 881 15 - 874	BG250786, BE798417, BF972677, AU117691, BG032152, BE904223, BG030936, AW381277, AW245141, BF183133, BF125868, BG015801, BE728395, BE613692, AI868951, AW381279, BE697890, BE697876, AW381280, AA211485, AA579574, AI566968, AW418543, AI078750, AA568661, AA604128, BG015805, AI961134, and AJ245822.
HOUEA63	430	839547	1 - 1586	15 - 1600	

HL/WAW3 6	431	839561	1 - 1456	15 - 1470	<p>AA565823, BE275928, AA767424, AW630709, AI188982, AI948620, AW952485, H49462, H97012, AW381263, AW627376, AJ369641, AI283644, AV696925, BE386638, AA748475, BE841619, H49463, BE703259, BE185759, T87152, BE772335, AW956823, AW956054, AA827171, H75949, F22114, R02581, T31504, Z42997, T89930, AI379281, BE903668, R27657, T87057, AW381575, AA322268, AI254734, AW884300, AI473328, BE042945, R02700, AA576177, AA211532, AW149142, AA129383, AA005034, AI114471, AW008764, BF082720, AA425564, AA348159, AW606262, AW150911, AI014302, AW383774, AW383735, AW383777, AA322497, T83607, BF841083, BF837368, AA019517, AW383750, AU144458, BF798273, BF841536, BF841582, AW383744, AA026869, Z39829, AA814308, N67589, BF842440, AW372004, AV724468, AW008757, AV724654, T83782, AA644513, H67997, AW381555, BF089279, BF087060, AA004420, AI670733, T62593, AA910241, AA007691, AA456251, BE065664, AA132360, BF197353, BE221734, BF842421, AI279767, T62521, H75334, AA333601, AI809410, BE677881, BE763412, BG111826, AI380647, AI057250, AW295873, AA004558, AA341266, AW578194, N73865, H84690, BF819202, AV702030, AW192634, AA004484, AK021559, AI137520, AF155114, AF176704, AF174597, AB041585, and AI031178.</p> <p>BE901396, BF529256, AI522797, AI517020, BE362340, BE901446, BE785677, BE735080, BE901630, BE396429, BF204575, BE560942, BG036666, BE560760, AI516756, BE561305, BE882085, BE747218, BE560921, BE514448, BE514008, BE560840, BE785555, BE513446, BE396356, BG259333, BG253449, BE513910, BE560651, BG117669, BE793334, BE559972, BE268144, AI458014, BE397537, BE207639, BE408440, BE734427, BE270764, BE270009, BE908096, BE910661, BF797549, BE559822, BE561007, BE383095, BF342791, AI133257, BE618482, BE780307, BE882719, BF184142, BE397920, BE560823, BE262677, BF038563, BE383267, BE397148, BF109949, BE890675, BG036683, BE905703, BE396362, BE779277, AW604907, BF312365, AW604901, BE891148, BG251395, BE410703, BG253972, BG171410, BG113345, BE903833, BE379383, BE732486, BE560730, BE293324, BE740344, BE902094, BE280938, AI697165, BE295456, BF969680, AA642239, BG015755, AI818876, BG249520, AA411035, AI434288, AI271514, AA159213, AW733057, BE746162, AI571352, AA865735, AA970105, BE730925, BG015756, BE732514, BE264212, AA293139, BF207331, AI371320, AI536699, AA134979, AW248707, AW182002, AI198061, BF206263, BE262479, AA621552, AI261681, BE513998, AI991804, AA344380, R61634, AA372216, BE312473, BE790243, BE260676, BF568388, AI810573, AA419241, AI685434, AA371478, AW009777, AI699206, R60967, AA652700, AI688845, AI089210, AW007141, AA985082, AA135004, BE780144, AI028220, AI369965, AA489594, BE396143, AI739141, AW383812,</p>
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HDPHI63	432	839704	1 - 440	15 - 454	BE408908, BG122097, AW579031, BE382738, AW391608, AW383823, BF795076, AK025328, DI3623, AC004707, AL121949, AF119857, and AC004506.
HTEPM45	433	839875	1 - 1949	15 - 1963	BF525949, BF343049, AV689909, BF342466, AW953836, AW953891, AA640081, BF339231, AW629891, BF526118, AA371827, BF821349, C17007, AA485613, AW953834, BF737942, AA368991, BF821339, R62666, R47871, N90491, BF821354, BF878968, H42114, BF879161, AA295668, T95371, BE769808, BE140683, H01130, T27046, AW374237, H70128, H64116, H01871, BF879241, BE769826, BE769806, N45434, H89819, T72232, H64951, N47826, R17629, H27838, H26462, and H83150. AL521148, BF966836, AV715670, BE619857, BF972274, BG122696, BF342733, BF525757, AU142917, BE619242, BG178404, AV713997, AW950883, AW372581, AA877904, AA442710, AW372587, AI770174, AI539441, AI633309, AA625121, AA490194, AI336242, BF695459, AI361039, AA773718, AW082708, AA913955, BE873985, AA625245, AW372585, BF361430, AA127749, AW015838, BE350164, AW673765, AI962383, AI951420, R25792, AI684313, AI432514, AI435855, AA229604, AI423475, BF130287, BE785728, AA233020, AA804544, AI431531, T70290, AA826095, H29402, T87869, H07001, AA156095, AA229914, T17472, AI287493, AW576352, T66752, AI094976, C04205, T66751, T87958, AV732952, AA235237, AA101130, AI027567, T17473, AI243842, AI568315, H15839, AA853458, H11749, T28950, R12843, BF962452, AI690921, AW269644, AA783031, BF800198, AI654882, AI378497, AA934605, T79599, H11826, H68911, AI218090, BE964217, R46791, T79683, AA337227, H19387, AA496055, C03988, AI586994, AA887922, AI044683, AW169886, R20752, AU125527, AI869101, AA994515, T95521, BG236017, BF000089, AA229696, BF438215, BE910228, AI370468, BE327803, AI139882, H16148, BE894248, AA883256, T80865, AI359674, AA771780, AA844103, M55905, and AJ294818.
HTEBP06	434	839885	1 - 1368	15 - 1382	AW515779, BE463744, BF438413, BE503424, AI651813, AA853961, AI638483, AA977048, AW294422, BF062258, BF062332, AA470124, AI200932, AA382887, AI806448, AW072392, AI638774, AI936476, AA725656, AI651860, BF057853, AB050257, and U76377.
HSKYK23	435	839888	1 - 1106	15 - 1120	AA748038, BE619966, AI672094, AI638836, AI087271, BE463907, AI674881, AI862582, AW578455, AW515113, BF334278, AW300485, BF691245, AW368459, AI992141, AA422171, AA418478, AI417139, AW368538, AW274441, BE961013, AA422079, AA747837, AI650427, BF674559, AI913009, AI679623, BF242737, AA773231, AI831210, BE695999, AI366110, AI244783, AI434442, AA424690, AI128938, BE696000, AI766204, AA921948, AI082308, AI206146, AA436375, AI039316, W04874, BF056542, AA976333, AW235164, AA481306, AA476535, AI092299, AI990193, BF334284, AA150673, AW139793, AA128482, W46348, AI399894, AA476430, W01258, AI784656, AA143300, AA150797, N45370, AW467125, AI261243, AW976208, AA954088,

					<p>AW193202, AW196335, N50700, W20445, W46164, AA772032, W47077, BF208765, AA143241, AA771880, BF326478, AV733994, T86809, AA631906, N70504, N91110, AI522097, W21195, AW970439, AI630571, T83042, N55030, AI088352, AI000671, T79075, AI979222, T77717, BF154674, N93492, AW178305, AW178315, AI630336, AW339092, AA130217, T77895, AI051870, AA514970, AA526937, AR033769, AF282626, X76985, and U40260.</p>
HBUAD85	436	839958	1 - 1228	15 - 1242	<p>BG030196, BG032442, BE888954, BE783122, BE743483, BG034672, BE386624, BE562565, BF222753, BE502339, BF115294, AW139396, BE501276, AW614433, BE858517, BF056138, AW248119, BE786842, AI052681, AI761234, AW411201, AW938443, AA993555, AI949152, AI871090, BE889767, BF436876, AW249780, AW411202, AI738726, BE872701, BF590814, AW043980, AI057557, AA843225, AI312603, AI650572, AA856558, AW205313, AA922582, W80443, AI400476, AI519451, AI359552, AI373636, AW291621, AI380518, AI367604, BE878397, AI989876, AI288522, N42500, AI625717, AA426164, AA421850, AA234248, N29809, AI218385, AA026954, AI913767, BF240767, BF576009, AA406201, AI094040, AI040774, AA766054, AI025783, AA102663, BF348867, AA639223, BE775168, AW803752, AW803565, AI079744, AW206672, AW803614, AW804146, AW803554, BE041582, AI961754, AW803744, AI220885, AI188948, AI128719, AW803689, AA732751, AA625930, AI080280, BE775164, AI312703, AW167573, BE775200, AA101280, AA702366, N93262, AA744994, AA909878, H73571, BE775234, AW803680, BE082255, AA026822, BF378788, BE775152, AA575959, R94402, H66010, AA313776, BF378814, T11533, AI262440, W25021, H44477, BF594755, AI696035, BE775166, AI830325, H73572, AI675300, AI927805, BE775167, W79038, AW275480, AW838319, BF510238, AW803765, AI784494, AA236359, AA766360, H92948, AA400708, AW771970, AI953714, AI637597, AI631566, BE739517, BG230883, BE739253, BF804636, BE775203, BF378787, C02082, BE886728, BE082256, BF811793, BF343172, BG164558, AA908294, BE621256, BF812936, BE047737, AI866127, BF792767, AW023859, AI569583, AI863382, BG058150, AI913082, BE781369, AI335426, AI348777, AW827289, AV755581, AI802833, AI680377, AW163834, AW168485, AL038445, BG026428, AV712673, BG122481, BG112718, BG025209, BE895585, AI874166, AL036638, AI961589, BG001235, AI366900, BE621472, AA983883, AL513713, AW301375, AI886753, AI783997, AI439717, BF339322, AI565128, BF061283, AI538938, BG110684, AI627988, BE963244, BF970768, BG029086, AL119863, AL120853, AW162194, AV755821, AI670009, AI288285, AI933589, BG165051, AI917428, AW020419, AI445990, AV725442, AI827311, AA493923, AW303075, AI613038, AI269862, BF872663, AL037582, AL037602, BF814447, BE138658, AW149925, AI590686, AI445992, BE620444, AI349645, AI912510.</p>

AV706915, BE672647, BG166654, R32821, BF672397, A932638, AW827227, BE885353, A1620639, A1635067, AW303061, A1887765, A1783504, A1308035, AW268060, AW302992, AL036980, BF724894, F35275, AL037030, AL702301, AL348854, A1340511, AV741327, A1611348, AC002452, X84990, AL137292, AL137550, AL390154, AL080124, AK000614, AK024538, I89947, AL080074, AL157482, U72620, AL122049, A08916, AF183393, AL353956, AL389939, A08910, AK026528, A08909, AF130099, Y14314, AL117435, AR038854, U67958, I48978, AL162002, AF130066, A08913, AL122123, AF118070, AJ238278, AF155221, AF061795, AF151685, AL157431, AR011880, AL080060, AB033881, Z82022, AF090934, AF067728, AX042059, AL049452, I89931, AJ000937, AK027116, AF116682, AF061573, AF119883, AF113019, AR087170, AK026526, AB050410, AB047904, AB051158, AF217987, AF079763, AL133557, U35846, AF113677, AL133640, AF153205, AL359601, AF158248, AX026824, AX026823, A58524, A58523, AR020905, Y11587, AK027213, AF242189, AK000206, X72889, AR000496, U39656, AL117585, AF116631, AK026462, A03736, I68732, AK000618, AK000418, AF130100, AK026744, AB048974, AK026462, A03736, I68732, AK024524, AR083266, I03321, AL050024, AF162270, AK026947, AF026124, AX046842, AL389982, S36676, AL137557, AK000647, AF116654, AL080148, A08912, AK026593, X82434, AL049466, AK027096, AL162008, AK025967, AX005848, AX005804, AX020124, AK026647, S61953, AF116676, AF126247, AF119899, AF097996, AL133093, Y11254, AJ242859, AK026959, AL137459, AB050431, AK026542, AB052200, AL133016, AL117440, U42766, AF155148, AK025084, AF116691, AX040958, L19437, AK024992, D83032, AF218031, AK000432, AL137560, A08908, AB048954, AK027146, AK000753, AF130077, U91329, AF130082, AF185576, AF056191, AF106862, AL389935, AF230496, AF130104, AF003737, AF113690, E03348, AF017437, AL137478, AF217966, AF119865, AK025339, L30117, AB050533, AK026762, AL137480, AL122100, AK027144, AK026627, AF090903, AK025524, AF321617, AF139986, AK026504, X63574, AF061943, U58996, AK024588, A18777, AB048913, AK025906, X70685, AF143723, AF111851, AK027182, AF116644, AF130105, AK026506, AL117457, AL050116, AF262032, AF125948, AF138861, AL137533, AF111847, AL050092, AL050393, AF057300, AF057299, AL110280, AF026816, AF111112, AL122110, Y10080, A77033, A77035, AB048919, E02349, AL117460, AF000301, I48979, AK000323, AL110225, U00763, AF113691, AF113013, AL049464, AB049848, AK026534, AL050277, AF078844, AF091084, I26207, AF118094, AF132205, A65341, AL137463, Z72491, AK026741, AB046642, AK025573, X92070, AR079032, AL050108, U80742, AL122093, AL117432, X96540, AL050366, AK026855, AL133067, AL359941, AX046603, AL080159, I33392, A90832, AL137271, AL442082, AL117416, AX040974, and AF130092.				
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HCEIN85	437	840000	1 - 1971	15 - 1985	<p>AL521658, BE739899, AL537917, BE796545, BE795494, BE796051, BE798186, AL528746, BE781632, BF346946, BE250392, BE253830, BG253619, AL531871, BF529641, AL520255, BG180990, BE906989, BG178265, BE882440, AI440480, BF311412, BF346440, BE795472, BF528132, BF529868, BE252198, AI937005, BF346604, BE273903, BE293093, BE893674, AW071864, BE257980, BE904420, BF976000, BE294343, BF683756, BE781804, BE389295, AL564755, AA482401, BF313162, BE793749, BG170781, AI638564, AA533105, BE778083, AA482546, AL520256, AA641620, BE206843, AI281716, AW328722, BG057343, AI963493, BF686194, BE618183, BE208629, AI469386, AA804959, AW615626, BG258047, AA458650, BF568797, BG256030, BE304575, AA158523, AW079515, AI083728, AW245143, AI298185, AV743341, AA632061, AL521659, AL527286, AW316953, AA305998, BE260707, AL528747, BE266948, AI436766, BE262129, AL537918, AW196786, BE261305, BG030950, AI241942, BG256906, BE904149, AI469081, AL513886, BG178424, BG057011, BE791385, AA922280, AI146879, AI858189, AL528997, BF664170, BF238005, BE561194, AI582808, BE301326, BF128635, AI886175, BE795332, BF799598, BF184664, AA127054, C15514, N31178, BE905893, BF530369, BF568647, AA127053, BE561245, BE274728, AI828133, AW338173, BE396972, BF568993, BE936673, AW207688, BG258840, BE895646, BE396812, BF08283, AI865168, BF530599, BE513502, BE18747, BE280443, AW878476, BE537649, D29432, D20434, BF342492, BE780664, BE273365, N22704, BF530035, BE908400, BE273376, AA429099, AA834519, BE545171, BF568686, D50914, U77415, and AK024840.</p>
HROAX39	438	840008	1 - 513	15 - 527	<p>BE744232, BE747972, AV728364, AA121599, AA379693, AA379373, BF342392, AA496170, BF725242, W25608, AA371731, AW372195, BE709350, AL208593, AA249784, and AK000206.</p>
HHETP37	439	840056	1 - 615	15 - 629	<p>AI872254, AA975688, AI872255, and AC006479.</p>
HKAA52	440	840160	1 - 1398	15 - 1412	<p>AL528898, AL530733, AL530742, AL529747, AL519286, BE901487, BE790563, BE732756, BE733523, BE396351, AL525215, BG106992, BG113455, BE397032, BE397233, BF982760, BF342948, BE888515, BG118096, BE887823, AL529746, BE900855, BG023983, BE732152, BE901319, BE409368, AL530741, BG033499, AI084732, BE312929, AL525214, AW959902, AL528897, AL519285, BE549059, BE296657, BG253556, BE901744, BF966782, BF686130, BF125082, BE206925, AI147481, AI971491, BE296027, BE260435, BF125602, BF339628, BF125493, BG167442, N34073, AV749210, AA321112, BE560667, BF125316, AW513665, AI951045, BF311602, AI650663, AW058103, AA909530, BE834264, AA258103, AI971506, AA300789, N40373, BF770666, AI061239, AA600054, AI000807, AW593654, BE901119, AA969975, AA281492, AW298633, AW860213, AW026768, AI866427,</p>

HISES36	441	840222	1 - 960	15 - 974	<p>AI285506, AI468710, F33114, AI278754, AW770346, AA6422297, AI499987, AI492103, AI863862, AI762625, TI6079, BG009469, AA989727, AA321111, AA622203, AA310412, AA622784, BF361196, AJ292529, AX001017, and AJ300588.</p> <p>AL519782, AL521031, AL537771, AL532982, AL519743, BF340693, BE792891, BG029834, BG033672, AL526699, BE883832, BE778826, BE260201, BE260258, BF115935, BE313721, AI292935, BE537966, BF527209, BF568475, BF529551, AA351269, AI199579, R84529, Z43097, R88248, R84486, AA351822, AW998329, BG104854, H20040, BE795625, AA429839, BF969852, R85183, R87201, BE160604, BE160589, R58225, AA442608, BF238333, BE328809, BF222046, AW590915, AA477650, AI633379, AA775842, AI937305, Z39190, AA962631, AI341814, AA436850, BF511356, AA740431, AI867453, AI122658, AI339114, AI671560, AA369393, AW953817, AW292804, AW069479, AI041102, AW957086, BE508854, BF826502, AI675398, AI765639, AA917911, AA210727, AI095222, H88131, R85922, W20393, BF793459, AA044257, AA971861, AL521030, AK026982, AL034548, and AF116644.</p>
HAPBL12	442	840579	1 - 1709	15 - 1723	<p>AL525580, AL525531, AU136037, AU135156, BE897817, BE896636, AU133754, AU127192, BE858832, BG253874, AW962760, BF510434, AW954960, BF574918, AU160122, BF977858, BE961102, BF185921, BF215392, AI378490, BF248416, AI800985, BG034956, AA156289, AI073518, AA773818, AI963320, N99672, AA234550, D56172, BE930107, AA256954, BF244940, AW362473, AA046377, AA251743, AW362472, BF102934, BF241316, AV720349, AA156083, N42280, BF245375, AI160238, AA704119, R72972, AA112337, BF086535, BF086529, R25715, AA256645, AA371062, AA320096, AA370316, AA236661, BE928494, BF084201, BF086503, AI525894, BF084221, BF084272, BF086530, BE961214, BF086505, BE928500, BF084190, BF185469, N47760, BF084203, AA137170, M85957, AI611807, BF695980, N79724, BF086500, BF114811, BF030327, BF243876, BF154789, BF086533, BF094389, AK023459, and AB050431.</p>
HTJMJ95	443	840671	1 - 1244	15 - 1258	<p>BE277107, BE910440, BF795570, AU130228, BF792887, BG023805, BF525462, BF685514, AU129385, BG035515, BF205159, BF000802, AA780068, AW005581, BE390866, AW025527, AI871472, BF036597, BE730035, AA029831, AU151517, AW961102, W93417, AA836105, AI240879, BF695942, AI336855, AI276262, AA737662, AI189612, AI076231, AW963522, AW261921, AA857959, AA464962, AI200129, W86177, BF197108, AV649936, AI004350, AW518042, W86176, AI274473, AA994284, AI248784, R21076, AA811098, N49076, AA780382, AW078888, W92692, AI470273, AA379908, AV727913, AA378898, W92672, R20463, R46252, AA737628, AI587223, AI376292, AA029291, AI553643, AW139555, C01217, N74187, AA337611, AA633124, AA251752, AW168901, W04352, AI400947, AW248567, BF931644, AA085198, H92104, D38732, AW367085, D38674, D38745, AI351139, AW044693, D38734, AI754949.</p>

HTELT78	444	840700	1 - 1234	15 - 1248	AA707474, BE965121, AF290195, AF146367, AK001477, AK023070, AF113540, AF124523, S77771, AK027188, I89934, and I89944. BE87668, AA633788, N58116, AA779964, AA993172, AA993810, BE972250, W02490, AA250756, AA812535, N74558, AW105026, AA323882, AI015512, BF801908, AA978273, AA912417, AA410936, AA864226, AA721605, AI954398, AA077596, AA937643, AA721388, AI692899, AI358200, D20826, BE545086, BF804475, BF848741, AI018574, AI221163, BF848765, BF081612, BE545153, BF848801, BF734172, AJ277291, AF234882, AF234885, AF234884, AC002542, AF234883, and AC003987.
HHFBP51	445	840811	1 - 918	15 - 932	BF979271, AW449278, BE879506, T60555, BF673064, AI792473, AW753909, AI205976, AW580518, BF131034, AA346826, BE176521, BE893411, BF694542, BE176315, BE893316, and AV713261.
HHBBS13	446	840896	1 - 2129	15 - 2143	AW207713, AI810396, AW966479, BE748341, BE748813, BE537890, AI302169, BE042761, AW236326, AW029389, AA450190, BG030357, AA526956, AI023982, AW071139, AI263326, AI983639, AA425171, AW382198, AA157568, BE565681, AI701334, W78960, H72423, AW371720, AW371748, AI079467, BF030000, AW958846, AA626156, W80454, AW273396, N70430, BE185286, BF511249, AA384726, AI183810, AA384586, AA296752, AI422655, AV733287, AA479929, AW009098, AA450124, T70566, AA314325, AA357632, R77683, R34229, AW802770, AW250354, R77682, AA331541, AI081752, AA333812, BF742908, AA331747, R35556, BF741669, AI560564, BE727612, AW582549, BE537776, AW245233, BE564677, BF331517, T70837, AW468924, BE696298, AW609900, AI620330, D20574, AW371723, AK026969, and AL132875.
HAAJAT72	447	841335	1 - 2055	15 - 2069	AL519223, AL135396, AW978864, AL519224, BG110879, BG179154, BG167639, BG167072, AL516415, AA133979, BG170520, AW367332, BE618516, AW367242, BF695975, AI004681, AA829651, AL516416, BG150372, AA287338, BE785672, BF669485, BF001602, AW952891, BF793907, AA287324, AA173276, AA126774, AW673513, AA210721, AA205833, AI075920, BE926877, AA210826, AA688155, AI630319, AI376711, BE892332, AI026835, BF982501, AI858354, BF337294, AW367328, BE542574, AI630566, AI630392, AA504314, AW070942, AA836121, AA489233, AI028632, AA598962, AW602275, BF242269, AW408375, AI206140, AI915314, R22949, W19388, BF688156, BF795195, AA59018, AW104080, BF910961, BF796284, BF243265, AA934545, BF239711, BF769690, AA831728, R78445, AA342412, BE697504, AW593702, R23055, BE047778, AW013923, BF309124, BF088965, BF736758, BF795590, BE697505, AW403341, AA342411, BE711348, BE907981, AI343050, AW268252, BE694275, AW301946, AW390121, BE000774, AA628867, AA206272, BE694298, BE711346, BE697502, BF736767, BE694249, BE694259, BE694286, AA173149, BE694241, U46258, and BF308651.

HTLHK92	448	842395	1 - 612	15 - 626	BF344166, BF999691, BF569907, H52351, BF999694, BF333789, R69911, AA421401, BF127938, BF570393, I49326, AA359077, AA306666, AX018076, and AF186469.
HAGBQ10	449	843516	1 - 1466	15 - 1480	BF968525, A1246710, A1763071, BE674657, AA460540, BE328200, A1168314, A1611086, AW451887, AA460541, BF675159, BF507593, T16448, T08984, A1016123, H24284, AA668246, A1223180, AA971942, R60880, BF590051, R23514, Z38546, R43444, BE701712, AW961900, AW182351, Z20913, AA972023, F05576, Z20948, A137748, AB046764, AF072371, Y18276, AF072372, A74680, and A74602.
HCRBB73	450	844034	1 - 1403	15 - 1417	AL523131, BG261097, BF340183, BF305691, BF305093, BF303873, AW196621, BF306489, BG121861, A1870592, BF311037, BE205899, BF315962, BF369701, A1418236, BE672680, BF304287, BG055835, BF431529, AA341046, AW139473, BF090415, BG104844, BF059456, A1632174, A1968214, A1970377, BF378475, BE261334, BF437294, AA302039, AW796541, A1523132, BE937882, BE746585, AW367194, AA835104, BF758565, A1990177, BE825241, BE019361, BE206717, and AB029017.
HWHHU1 1	451	844529	1 - 2048	15 - 2062	AL522002, AL521608, AL521607, AL522549, BF305304, BE732838, BF971112, BE743976, BE262711, BE899550, BG109203, BF344719, BE741195, BG248593, BG115015, BG117962, BE883834, BF688906, BG249430, BE410162, BF316646, BF982386, BE281306, BG164142, BF793440, BE272171, BE901175, BE409982, BE901577, BG165427, BE729126, BF569778, BF982251, BE872442, BF970528, BE735023, BG166435, AL522001, BE410692, BG109330, BG116617, AA206373, BE736037, BE299415, BG249255, AW579408, BF340859, BE744899, BF570295, BG170896, BE386152, BE546682, BF673757, AW964395, BF340242, BF303644, BG251248, AL521166, A1905440, BE547252, A1905525, BF183244, BE301893, A1961339, A1884509, BE280374, AA142829, BF237978, AA039438, AL522550, A1189410, BE018945, BF968375, BF807239, AA318302, BE281612, BE779176, A1871802, AW732476, AL521165, BE018944, AW663672, A1185017, A1473764, AA922287, BG025351, A1677950, AL532064, BG108566, AA121661, A1052759, BE388318, BE349225, A1828786, AW662459, AW250139, A1086493, AA903122, A1678707, A1720105, AW571711, BE207861, BF675911, A1347904, AW956985, AA580387, N25780, A1624202, A1188539, AW268633, AA481905, A1302604, A1376533, AA630400, AW182583, BE122842, A1570190, BF753347, A1419954, A1689084, A1696156, BF878947, AA158660, A1814113, AW000854, AW675147, AA159025, BE742694, R99569, A1357664, BE047488, AA307924, AW005618, A1752100, BE743048, R45648, W21970, A1628527, BE870251, R99920, AA954481, AW193234, A1679473, A1554473, A1560258, H20615, N39758, H53221, H53115, AA186671, A1439924, A1288336, AA128573, A1184323, BF222290, A1432912, BF940624, A1590039, AA588482, BE247774, R99741, A1886981, AA843226, H57919, A1933122, N44679.

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HRAEB76	452	845247	1 - 1513	15 - 1527	
HPJAO13	453	845355	1 - 749	15 - 763	
HHENP67	454	845465	1 - 803	15 - 817	
HLQDC55	455	846521	1 - 525	15 - 539	
HTTJW49	456	846674	1 - 647	15 - 661	
HSYAD28	457	846772	1 - 1675	15 - 1689	
HLWAR77	458	847144	1 - 1265	15 - 1279	

HCE2W33	459	847388	1 - 2032	15 - 2046	<p>AL521424, AL523210, AL514620, AL536205, AL525645, AL537131, AL521425, AL523209, BE739509, BF965558, BG031889, BG283824, BE891149, BF311286, BF530602, AI057627, BF182863, BE560984, AI479627, AL514619, BF037516, BE314805, AI859259, BE297709, AI523551, AI660477, BE797143, AI885132, BF038307, BG027266, BF966086, BE388115, AW958486, BE382803, BE560800, BG115029, BF206872, BE268774, AW958520, AW170144, BF345159, AA779831, BG104568, BE276916, AA699996, AW001491, BF793361, BG108512, BF691744, AW955061, AL527427, BE739244, BE314640, AI191325, BG122405, BE548451, AA779172, C18348, W60861, AI814375, BG119829, AI267877, BE780354, AA434226, AA557294, BE560620, BF338341, BE262392, BE560215, AL037181, BE536344, AI371147, BE782287, AI149368, AI191738, AA449960, BE018452, AW574717, AW009827, AA324535, AI523552, AA434312, BF206512, BE856127, BG170162, AA916827, AI056484, BE387175, AW148512, AI401735, W42799, AI341747, AA846389, AI520661, AA173280, AW962582, AA773096, AA612929, AA223353, AA405603, BF929696, BF751515, AI741705, AA582585, AA223253, BF206870, AA255640, AV647239, AI952905, AW300754, BE252212, T32945, BG109634, AI952061, AW167381, AW408419, BE295519, AW518702, BE882636, BF305409, AW589482, BF087318, AW084813, BE302065, AI188656, AL037180, BE261658, AA410555, AA708856, AA873019, AW957316, AA173203, R90786, BF849877, AA312624, H39026, BF939729, AI202617, AW967939, AA612830, R85547, N35399, N74258, AA857247, H41500, AA559142, AI611415, AA953999, AW272284, AA578247, BF931945, AA826989, N95254, R87593, BE857465, AA284487, BF929625, AW338532, AA516267, W60737, F12777, H39797, BE243900, BE709158, F11343, R95140, AW517268, AW166856, F32639, R34417, AI623493, R87508, AA309639, H41555, N89722, AA826718, AI361539, T31070, H14134, AA257998, BG167097, BF002936, R85567, AI864037, AA258866, H68648, W24549, T32944, H85256, AI611540, AI244230, AA825443, Z46220, AA213790, AI869008, AA410556, T32946, BF791959, F10385, T75048, AA405546, N55535, BF940204, AL036822, AW403313, AA213875, AA074090, BE560217, T30898, N76421, T31929, AW392209, AW958525, H14093, AA604307, Z45387, BE077235, AA903640, R85944, T35924, T23531, AA857144, AI361274, AI278090, AI002669, AW580277, H39051, AA224282, H84923, AI187996, AW467485, AI340553, R88874, AA075982, AA401201, BE243365, AA188558, AA378194, AI350817, AA380570, Z41846, W42691, AA857402, AI282309, AI972748, F09003, H14136, T68752, R48954, AX013711, AK025329, AC004771, AL050060, AL079315, A75494, AC004771, AC004771, AC004771, AC032038, and AC032038.</p>
HSOAC39	460	847431	1 - 702	15 - 716	<p>BF508798, AI829099, AI126506, AI200037, N25625, AI128843, AW024969, N34223, N36303, AW020616, AA605122, AI217597, AA743134, N26904, AA729493, BE857354,</p>

					AA568193, AI160533, AA568681, BE855663, BG054946, AW450603, AI695490, N24885, W52651, AI802647, AA648514, AI312534, AA806507, N72137, N35103, AA729125, N34254, AI219599, N39790, H86995, R73200, N26781, AI032141, N25653, H86994, W00385, R73137, AW298649, AA296449, N28403, R26304, AI299683, AA988539, AW452862, AW453038, AI361669, AI039557, AI674252, W52017, AW236299, AW515490, AI452444, AI141901, AA768761, AW629545, T25829, AW074182, AI984739, AW583163, AI805445, N20053, BF958127, BF964329, AA543074, BE081422, T25828, AA358828, BE152130, AA653691, AI362330, AW606102, BE170656, AF238079, AC073610, and AC073610.
HAAV01	461	847551	1 - 897	15 - 911	AW503042, BF182997, BF689491, AW503046, BF998184, BF998181, T19151, BF530120, BE621150, BE872171, AA326792, BG035951, AW843415, BG115797, AV731715, AI354615, and AL049569.
HWGQC6 7	462	847568	1 - 1049	15 - 1063	BF676673, AW361928, AW370592, AA029045, BE464022, AW955794, AI360473, AI074083, AA331716, BF755692, BF475271, AI913154, AI873811, H03163, BE093260, AI417501, BF919980, AI934369, BF001451, BE088349, AI791728, AW466890, AF311320, AK025993, AJ269529, AP001747, AP001625, AP001626, and AL355683.
HFJIC17	463	847634	1 - 712	15 - 726	AA468731, AA580930, AB045363, and AP002534.
HBXCD74	464	847677	1 - 2048	15 - 2062	BE270761, BE560646, BE396923, BE513879, BE267678, AW834931, BE559852, BE513327, BE270061, BE872948, AI045780, AW590225, BE268811, AW970178, BF940066, AI376010, AW072377, AI401550, AW953330, AI362753, AW005335, AW575918, AI928945, AA524093, AW592039, AW002375, T33717, AI097125, AA514373, AI424874, AA490412, R55849, R89670, AA502607, AI361469, R52206, R21271, W60204, BF940638, R45456, AA906578, R24724, H17344, W35351, Z42802, AA757050, AA309188, D52329, AA479853, AA490314, AI929199, R45361, AA456776, AA806240, AA394201, R55770, W32915, AI380329, Z38945, AI003744, AA411018, R52109, AI471415, AA863370, W60203, AW866322, AL048656, BF921092, BF038804, AW238730, BF904194, BG180996, AW075305, BF343568, BF344691, N49165, BG117375, BE966011, BF822127, BF764538, BF969316, AL039086, BG104775, BE254907, BG104699, BF904258, BF798503, BE966787, BE393551, AW071417, AW162189, BF835240, BF885000, BE895765, BE886728, AI498067, BF854113, BE965121, AV759922, AI923989, AI307557, AI312428, BE620444, AI684013, BE895585, AI636619, BE047833, AV704051, BF812459, AW827289, BF339322, AI872914, BF792928, AW411235, AI345677, AL138406, AV721967, AI887775, AL036638, AI290153, AW167918, AI611728, BG110517, BE904911, BE910373, BE964876, BE966699, AA572758, BE543089, AL119836, BE536058, AI340519, BE963286, BE789764, AL040277, AL110306, AI307734, AI917963, AL036780, AI929108, AI468872, AA420722, AI698401, BF960601, AI537677, AW410972,

BF816037, AW084056, AW834302, AL040241, AI538885, BE544111, AI570966, AL040694, AI950892, AI446373, AI916419, BF856052, BG107576, AI648699, BE045182, BF338002, AI343059, BF753013, BF204484, BG105895, AI590686, BG121999, AA420758, AI349933, AI288285, AI345253, BF909758, BF853807, BF337602, BE965724, AW151136, AI002285, BF885082, AW129230, BF930354, AL043052, AW410969, BE907440, AI866770, AI336634, BE048098, AW059828, AI955906, AL045266, AI922901, BG108147, AA494167, BF034540, BE878725, AW409931, AI571511, AW999049, AW858254, AI521103, AV723809, AW827144, BG178911, BF672397, AW409775, BG151388, BG034550, BF818009, BE138658, AA493647, AA53213, BF990167, AI345608, AI35426, AI348777, AI889376, AI783504, BE965192, AW149876, BG256592, AI620056, AW151714, D50977, BE964614, BG113299, F33254, AI874243, AI249962, AI310606, AI623941, AV654326, AW081255, AI471361, BG032810, AW834355, AI345527, AI251830, AW088899, BE963918, AW827115, BF793176, AI345471, BE072233, AW858243, BF924882, AI250856, AI366549, AI636719, AI539153, AI040011, AB046049, AR083286, AR083285, AB022160, D16301, AL133016, AX006092, AF208850, U49908, AF056191, A08916, AL117435, AF158248, U42766, AL117432, A08910, A08909, AL110197, I48978, AK026528, AL122098, Y11254, AB044547, AF113676, AB048975, S68736, A93016, AL162002, AK025092, AF100931, AL133558, I33392, AK025339, AL133075, AL137656, AF244915, AK000647, AL137550, A08913, X93495, I89947, AX019230, AF118070, A76335, AX020124, AL157431, AL110280, AL137479, AF003737, I89931, Y11587, AF130087, AK025015, AF116649, AF130059, AK026629, AL122110, AL137538, AR087170, U75932, A76337, Z82022, M27260, AB047904, AL389982, AL162083, AK027096, A65341, AL049283, AK000432, X62580, AF162270, U96683, AF218031, AK026534, AF113689, AF028823, AL359583, AL049452, X63574, AR011880, AF116639, AK026533, AF119899, AK026462, AF090943, AF119878, AK024538, AK027213, AB046642, AL389935, AF026816, AB049892, Y10655, AL359941, AL137283, AK025391, AF217966, AF119865, AK026855, AF118090, AF119909, L30117, AK025407, AK000212, I17767, AK025798, AL137529, AF130099, AF130077, AK026551, X98834, AK026408, AK024594, AL080060, AL050024, U67958, AL049430, AR072149, AB052191, AF183393, AF090886, AF180525, AL050138, L04504, AX026824, AX026823, A58524, A58523, AX019229, AF113690, AI8777, AF119894, AR068753, AX042059, AF130092, AK027200, AK026624, AK000323, AL333625, AF260436, X72889, AF111112, AL137556, AB041801, AK026583, AF155221, X84990, AL080127, AK026630, A21101, AB034701, AK025383, AK026592, AR068751, AK027116, AK024524, AF113019, AF116676, AB048994, AF113677, AF119875, L13297, AL122050, AF119871, I46765, AK025209, AL389957, AR072729, A93350,				
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HPICD14	465	847876	1 - 1445	15 - 1459	
HBCNJ21	466	848184	1 - 594	15 - 608	

HBGNW7 8	467	848214	1 - 966	15 - 980	AW975846, BF038960, BG164740, BE889792, AW977203, AI590719, BE544475, BF031694, AW130905, AW438800, AI246022, AI24526, AT741866, AA120785, AW084719, AI290610, BF955402, BE218170, AI333346, BF437535, AA398620, AI420570, BE326499, AI571005, AI273665, AW025836, W56091, AI59125, AA120784, BF700090, BE348867, AI220406, AI224528, BF223717, AV709156, AA625099, AW316523, AI377451, AI969120, AI417968, AW276374, AI417991, AW276362, AI190743, AA886409, AA625773, AA234448, AA765287, AA236585, AA417754, BF343377, AI285589, AV703351, AA678422, AA125907, AI015199, BE764876, AW337260, H86847, N75304, AI886263, AA249001, AI866198, BE927551, AA249049, H86789, AA393271, AW955953, BF826717, AL049631, and AC011297.
HSDZN36	468	848395	1 - 1451	15 - 1465	BF951763, W27832, AL157531, AA393929, R15334, BE829437, AA326249, R18065, W27473, AW904344, AW905845, R19862, BE829443, W26700, R59515, T30655, H30848, AW904362, R14187, BE702294, W25837, BF963603, AA338605, W27511, F11672, Z45706, AW896283, BF960672, W28843, AA364544, W26007, AA318087, AW897408, BF960156, BE699595, BF960075, R19866, AW897412, BF948494, H18892, I40028, AB032436, and U07609.
HFPCS09	469	848480	1 - 1129	15 - 1143	BE271723, AI655778, BF033546, AI363260, BE897788, AW977041, AI423546, AW955877, BF111722, BE748038, AI149829, AA721308, BE179758, AI290323, AA994157, BF964002, AW068209, AA479257, AW611773, AA288015, AW297655, AA368376, AI028554, BF094791, AA702220, AA313639, AW197120, AI651578, AI873070, AA578960, BF094858, AI424122, AI249969, AA479107, T61903, BF224009, AI242976, BG261238, and AF159423.
HAIBB95	470	848610	1 - 1169	15 - 1183	AI031296.
HHEFI08	471	848769	1 - 444	15 - 458	
HE8OM63	472	848773	1 - 419	15 - 433	
HAIAG88	473	848785	1 - 936	15 - 950	BF691763, BE909311, AW979048, AA829001, AA837772, BF820928, AC008154, AB041549, AC018646, and AC009275.
HAIJL92	474	849547	1 - 2664	15 - 2678	AUI32620, AUI33120, AUI24827, AUI24196, AUI24499, BE891195, BG055132, AW377159, BG035852, BE873140, BE855894, AA399095, BF664758, BE886084, AA404314, AV706415, BG028303, BG122689, BF185741, AI917328, BF939504, AW610353, AI357365, AA861290, AI911596, BE783702, AI768752, AA429300, AI636894, BE672397, BF849079, AA167019, AW961286, AI554305, BE784466, BE719707, W16697, AW610341, AI828381, AW956556, BE719680, AUI48613, AA115100, AA398205, AI184626, AA641723, AW367645, BF439756, AW073332, AI564257, BE856232, AA314835, AI159892, AI122582, BE139633, AW070813, AW959690, BE833827, AA115099, AI422256, BF108530, AI161217, BE925989,

					<p>BF507734, AI889342, AA233467, AI499289, AI538740, AI082143, AI189572, L44417, R54528, AI422759, BE247703, AI421963, AI635810, AW449654, AI538749, AA219365, AI985321, AA722420, AV727426, BE538734, BE833799, AW890831, AI625122, AW674917, AA313817, AA404714, H39753, AI4166739, BF826550, AA628781, AV686460, AV654215, AW589745, AW069435, AW768923, AA219269, AI017129, BF334128, AA405565, AW589704, AI623192, BG031390, AI380235, AA233561, AW674274, AI538667, AA599745, AI374095, AI470537, H51923, AI765362, BE246752, AA425023, R82633, AA215927, H28413, AI290382, AI289799, AI266044, AA343941, AW401860, AW176750, AI913239, BF108576, H96363, AW968549, N30900, H24609, D56876, H21960, BE174886, AA304807, AA788662, R82677, AA937907, AI566982, BF512154, AA436777, AW968723, BF056381, BF693237, AA352051, R54431, BE242721, AA247944, H24573, AA405606, AI423681, BE084137, BF826728, AW370954, T61149, AW793345, AW674429, AA334300, AI623544, AW891654, AA938724, AA484963, BE696383, AA702682, AW793362, AW752956, AW393918, AA834399, AA090478, BF906823, AK022381, AK022607, AI122097, and AK023276.</p>
HHAMA1 5	475	849576	1 - 1033	15 - 1047	<p>BE796979, BF739892, AW419313, BE393557, BF593166, BF197383, BE393339, BE515252, AW779993, AI627671, AI093595, BF590007, AA768858, BF224451, BE042563, AI453448, BE219001, AI934830, AW134610, AA452254, AI458186, AA009829, BG170017, AA937437, AW603066, AA009719, AV654326, AI292354, AV689602, BF590947, AA725609, N80738, AW445130, BE361826, AW960526, AW206210, N70714, AI498437, AI700814, AI739459, AA302470, AA641589, AI869066, BF203473, N48641, AA295253, AV649711, AV649710, AI474725, N99850, R29311, AA413393, BF476574, N74879, AI474981, AI962318, AA526518, BF221633, AA525191, BE464057, BE174617, T93208, AW955686, BE544479, AV703222, AV648263, AV726058, AV703593, AV652027, AV708723, AV729263, AV726520, AV727613, AV652617, AW949795, AV696106, AW951263, AV689111, AV728157, AV692345, AV708893, AV659536, AV706219, AW959837, AV707541, AV704637, AV726624, AV709604, AV708004, AV704955, AV652156, AV658332, AV701707, AV727799, AV705693, AV726784, AV708704, AV702427, AW952183, AW959848, AW020592, AV727929, AV725956, AW955613, AW952457, AW961037, AW965144, AW954113, AV727980, AW951273, AV656903, AV661704, AW953787, AV697196, AW960326, AV709580, AV709587, AW959910, AW953515, AV659389, AV655280, AV726605, AV727787, AV659294, AV701983, AV725745, AV686060, AV660608, AV686064, AV659322, AV726156, AV654908, AV656478, AV698545, AV709314, AV708381, AV660728, AV691080, AV652001, AV651955, AV727003, AV709935, AV727526, AV703169, AV728518, AV728924, AV725617, AV701496, AV696931, AV683272, AV699089, AV684075, AW951618, AV708834, AV690007, AV709660, AV654035,</p>

AV703168, AV683994, AV706854, AV704042, AV729220, AV687035, AV697498, AV705384, AV727238, AV696866, AV726681, AV728997, AV656256, AV698429, AV726816, AV725920, AV692972, AV685688, AV689800, AV693005, AV725054, AV687909, AV695545, AV656283, AV704234, AV708025, AV729378, AV684604, AV707933, AV708980, AV692691, AV701914, AV705159, AV728270, AV702832, AV709256, AV702516, AV693523, AV709407, AV956384, AV708992, AV729189, AV727807, AV703456, AV726103, AV727029, AV707510, AV727221, AV952439, AV728733, AV725826, AV728471, AV728670, AV708438, AV725134, AV703042, AV705280, AV728436, AV952409, AV959800, AV701580, AV704950, AV704696, AV952400, AV702932, AV654030, AV963264, AV703599, AV727819, AV702833, AV728965, AV952414, AV727126, AV729439, AV687535, AV703501, AV686420, AV682997, AV686390, AV686417, AV687176, AV694871, AV703362, AV652443, AV958647, AV649758, AV728985, AV655250, AV651436, AV655473, AV725055, AV954031, AF250136, X70223, L28835, AF309644, AF127938, A91160, S68736, AF218031, AL137554, AK025407, AF217994, X045159, X84990, AL137298, AL389935, AF225424, AF267849, I89947, AF061573, AR038854, AF200464, D16301, A93016, AR072149, AL122049, AL162062, AF090903, AR068753, D83032, AL18777, AR068751, A08913, AF208850, A08911, A21103, AK026408, Y11254, AF065135, A76337, AL137560, A76335, I92592, AL137574, A08912, X53587, AR011880, I48978, S36676, S77771, AL050155, AF208026, AL161628, AF118094, AL162008, AL133081, AK027221, L04504, S76508, AF217987, AL133557, AF032666, AF182215, A08910, E01314, S83456, A08909, AL133645, AL359596, AF218023, A23630, AK026532, AF067790, AF116691, A08908, AR059958, AF155221, AK025015, AX046842, AL110224, AL137550, A08907, I89931, AF218034, AB047953, AF116650, AL050393, AF000167, AR087170, AL122110, A51774, A65340, AL355719, AK025958, I30339, I30334, A58545, AK026038, AL137476, AK000450, AL136884, AF036941, AK026528, AL050024, AK026480, AB050410, L40363, AF114818, AK025435, A45787, AX019230, AL050138, AF081197, U49908, AF115410, U78525, I89934, E12747, Y11505, AX014101, AF116688, AF017437, AK024992, A86558, AF119896, AL080159, AF107847, X80340, AL137271, AF192557, Z82022, AK000212, AR072729, AF217982, AL137711, AB050431, Y14314, AF274348, AK000206, AF274347, AF061981, AF185576, AL080148, AF139986, AL133049, AB034701, AK000718, AK026865, S75997, AL162083, AF028823, AK026597, AF130068, AK025410, AX019229, AL122121, S78214, AK000074, AK026647, AR050959, AF119894, AL137526, AL050277, S78453, AL117587, AK000655, AL117583, AF183393, AK027204, AK026630, AB044390, E12579, AL133016, I66342, AL137656, AL117432, AB047904, AC004686, AC006451, AF271350, A250403, AK027116, AJ001838, X82434, AF067728,				
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HPJDE45	476	849610	1 - 1554	15 - 1568	<p>AL523171, AV650116, BE154893, AV728032, BF195766, A1767606, AW847731, BE144974, BE144973, BE144972, AW847800, BF576595, R33273, AA017727, AA449273, AA568610, AA348127, AL523170, BE835374, BF527894, AV682357, AW818599, AW847863, BG253203, and AK000166.</p>
HPMJG77	477	849645	1 - 2538	15 - 2552	<p>AI659020, BE879073, AI763323, AI814295, BF978647, BF978509, AI610721, BF692603, AV706038, AW780024, AA772328, BE865596, BF055300, BF031434, AI418868, AI954627, BG166779, BF791313, BF691958, AW151963, AW772644, AI677849, AI635780, AW131776, AI889482, AI096856, AV753735, AI669811, AW084985, AW512814, BE999938, AW293217, AI492379, AW612101, AA649057, BE961191, AA833822, AI418419, AW022350, AA557342, AI669088, AW592498, AA010761, AI564095, AI635708, AI828780, AA770537, BE246113, AI934933, BE672363, BE869773, AW451170, BF590868, BF103964, AW182645, AW772415, AI367249, AW051966, BE222489, AI458195, AV755982, R77193, AI692590, N50802, AV708404, W17370, AW572602, AI244799, AA011122, AE62142, AA558981, BF941407, AI554093, BF431279, AW305163, AA988181, AA781160, AI244711, AW190545, AI192384, BF941819, AW973665, AA370739, N90141, AA768294, BG257427, AW169913, AI092121, AW242957, H87588, R57440, BF755922, AW962786, AI470461, AA287847, AA523705, H80066, BE892815, AI766135, AV651198, N79945, BF830818, AU125791, H87476, AA732852, AI784216, BG110503, AA209522, AA431068, AA287848, AI217818, AW243077, AI765919, AI280035, AA781161, AA748573, H38370, AW016055, BF739826, AI472571, AA649021, N55159, AW970439, AL118781, AI621341, AI147877, AI927233, AI401697, AI590043, AI539260, BF814528, AI499325, AI590020, AI126920, BE934593, AI560873, AI699823, AW104666, AI698391, AI310460, AI239701, AI800473, AA738219, AV682249, AA282824, AI370623, AI475371, AW410259, AI800341, AI536601, AV681924, AL513901, AW129659, AW243752, AI797538, AW073858, BE393784, AW983832, AI473974, AI652664, AA633592, AI445611, AW169784, AW263722, AK000780, L14684, AK022724, AR082685, AK025435, AI050393, AK026462, AL137292, I89947, L04504, A77033, A77035,</p>

HBCCG79	478	850225	1 - 1656	15 - 1670	<p>AF060555, AL050092, AL110223, AR038854, AL137650, AF232009, AK027173, AL080139, AB040710, AL137533, E2738, A52184, AL133623, AF085355, X76485, AF274863, and AJ003198.</p> <p>AL530816, AU123273, AW003164, BE748954, BG171523, BF795581, BF691478, BE868907, BE896766, BE748004, BE748435, BG249659, AA045270, BF184349, BG252885, BF541405, BE748684, AW965794, BF213334, AV742715, AL754721, AA045261, BF692026, BE866351, BF978795, BG254947, BF241372, AA155751, AL565953, BF103918, BE566964, BF210113, AA088741, AW190656, BF700657, BF675760, BF245336, AI937782, BF514328, BF213948, AA056487, BF382974, BF352490, AA100738, BE960757, AA709384, AA311618, N92256, AI561054, AI439164, AW512895, BG231819, AA814735, AA210779, BE542455, BF244465, AW589874, AI682758, BF030296, AA747843, W37157, AI630413, AA088742, BF760535, AA312081, BF244249, AA693442, BF131186, H64112, AA099908, AD244785, AA987623, AA056653, AA211907, AA249460, AI474592, H60997, AA311720, AA450319, BG025172, AA766193, BF214306, BF351872, H61568, AI206841, AI189682, AW105463, AW151761, AI298710, AA708760, AA904211, AI370470, AA311432, BF919714, AW502873, AI355246, AI791659, AA719433, AW962971, AA297776, AA573127, AI038304, F24745, AW500684, AI249688, AI565126, T47138, AI610737, AA405726, AA503298, AV720457, AW512528, AA358086, AA159046, AA593501, AI831172, AI590404, AA856817, H82636, AI499954, AA086318, AW275432, AV763026, AV763058, AW130188, AW662635, AA975894, AI370170, AA613966, AU155090, AI633386, AW672927, AI340941, AU157209, AA299589, AA666295, H29914, AA837597, BF447461, AA489797, AI280504, AI754567, AI459733, AA493226, AI569100, F30310, F23264, AW192599, AF085360, AF132971, AF161528, AK001158, AC020633, AL121963, AF158186, AC002310, AL022476, AL138756, AC007537, AC005701, AC004765, AC007766, AC006511, AL135749, AC004386, AC005158, AC010620, AF107885, AC011514, AL139100, AP000212, AP000134, Z68276, Z97181, AL022313, AF109907, AC002418, AC005531, AL109804, AC012085, AL078461, AC004223, AC004584, AL445263, AL163279, AC003963, AC005365, AL136172, AC006455, AC005324, AC009470, AL080317, AC003108, AL137798, AC006345, AC023490, AC005295, AP000030, AC003106, AC009004, AC005522, AC006597, AL009182, AC009000, AC007160, AP000252, AL132657, AL161420, AP000250, AL031587, AC020956, AC008685, AP001711, AC008132, AC018641, AC002094, AL121712, AC011495, AC0073898, AC010328, AL109923, AC004796, AC004854, AC087087, AL135924, AL008730, AC008055, AC002036, AC018720, AC022459, AC005038, AC009362, AC006483, AP000557, AB022785, AL354696, AL139095, AC004647, U78027, AC007298, AC012318, A277546, AF196972, AC005088,</p>
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HFHQ53	479	850238	1 - 727	15 - 741	<p>BF025694, BF794950, AL516199, AL515320, AL532397, BF699660, BG104156, BE383914, AW853030, AW839070, BE384100, AW814828, D26488, and AK000836. AL528466, AL515937, AL532237, AL515936, AL525124, AL532236, AL528367, AL528434, AL515028, AL524995, BE250695, BG111806, AV721549, BE878048, BG259396, AV704379, BE561358, BE081006, BG179611, AA195932, BG254477, BE293120, AW957107, BE890558, AV704489, BG106045, BE868130, BG178706, BF986395, AW582566, BE388805, BE261883, BE276222, BE561069, BE562551, BF979840, BE514039, AW361920, AA126447, AL688244, BE513443, BF575980, BF897807, BF530689, AT299929, AA772339, BE675680, BF792461, BG249935, BE905864, AA480039, BE744995, BF308989, AL333993, AA602978, AL972665, AA780383, BE559738, AL084506, AA196096, AA625213, AA902390, AW069482, AW369988, AA418817, N99166, BF060744, AL198937, AA479634, AW327284, AW055168, AW511171, AL261876, W49832, BG037058, AW026236, AW964812, AL129281, AL668787, BF183828, BF219396, AL050728, BF750546, AW236223, AA025636, AA428220, AA176446, AL300107, AL040239, AL039488, BE313610, AL276088, AL275452, AL32679, AA603339, AW578583, AL739314, AA429340.</p>
HUVFU38	480	850252	1 - 2865	15 - 2879	

AA428816, BF811534, AI080527, BF856862, BF918058, BF856876, BF852036, AA600274, BF846350, BE513718, AW612467, AE326678, AA630403, BF858045, BF851981, BF852345, AA577531, AA130361, AA468612, BF856860, BF852198, AI984693, AA040226, BF853425, BF851975, AA047364, BF852053, BF856867, BG179198, BF852228, AW578582, AI400140, AI475596, BF852194, AI302165, BF852111, AI369910, BF852152, AA111857, AA188607, BF846296, BE392844, AI207817, BF856865, BF852259, AI222407, BF852635, BF917400, AA551765, N34631, BF851984, BF852362, AI393097, AA622007, BF852016, AI095343, AA244202, BF852087, AV653019, AA970884, AA025626, AI419571, AA831984, BF095128, AI492824, AA039861, BF852817, BE301206, AI658926, T56235, BF852107, BF852088, AA224539, BF856864, BF856873, T66254, AW379621, AA748314, AI263994, AI077900, AV654879, AW090217, AA467754, AA778463, BF916348, BF858047, AI796424, BF858031, AA467758, AA458953, AA467941, BF858032, BE772856, BF858033, BF939291, AI515027, AA706044, AA933771, BF858046, BF858041, AA514216, AA983568, AA085890, AA477313, BF352155, AW379602, AA113333, BF858027, BF510700, AA467936, AI36059, AA911622, AI767230, AA321702, W30894, H30431, BF858029, BF858035, T19194, BE504349, AI869679, AA244308, AI624535, BF813403, AA340702, AI199429, F13450, BF852852, BF812511, AW006808, AA767481, AI184075, BF154592, AI509585, N26745, AA337178, BG105228, AA285280, BE812987, AA635694, R05788, T56377, AW469717, AA304761, AA369874, AA356885, H81572, W24173, AA336661, F09775, AI633643, W48672, AB033007, AK026049, AK000752, AK027085, AI133060, AF116614, I89947, AR038854, AF321617, AL389935, I48978, A08913, A08912, A18777, A08916, A08910, A08909, A08908, I89931, AC004213, I89934, AR087170, AF028823, S76508, I89944, AF000167, AF155221, AL359624, X81464, A08911, AF106862, AK024538, A08907, S82852, AL133637, AK026642, AK024594, AF230496, AF061981, AX040974, A08915, AL137254, AF314091, AL049452, S36676, D44497, AL133560, Y07905, AL137537, AL049938, A21103, AK000501, I48979, AL050149, AL117435, AK024747, AK026408, X63410, AK026462, AK000655, AF061795, AF151685, AL049430, AL133558, X82434, AF061573, AK026374, AL023657, A77033, A77035, AK000285, AL080140, AB048975, AF132730, AL110224, AL110280, AF177401, AK000618, AF130055, AK026894, AF260566, AL389939, AL050155, L13297, AB040710, AB050421, I09499, AL162083, AF119899, AL122100, U77594, AL133623, AL137550, A76337, I33392, AL080159, B12580, AB048881, AL442083, AL137488, AR053103, AJ299431, AK027173, AF232009, AB050410, AK025435, AB050418, E07108, AL110225, AL080148, AL133565, U00763, AK026784, AF026816, AL359601, AL389983, AF087943, AL137281, AK026552, AR034821, AB048974, A15345, AK026542, AK027146, AF207750, AC003032,				
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HUDBK83	481	850353	1 - 3287	15 - 3301	

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HDPSB01	482	850581	1 - 463	15 - 477	BF982188.
HKAPB61	483	850629	1 - 610	15 - 624	BF131978, AA304731, R67648, R71055, AW956573, AA812755, AA344247, AI906808, AI285921, AA917714, AA608997, BF208995, AK000122, and AC002550.
HMEGF05	484	850930	1 - 819	15 - 833	BE255193, AW389851, BG010248, AW389780, BF984555, BE810495, AW389841, BE254704, BE292987, BF741165, BE408399, BE98624, BE254780, BE742465, AI520691, BE066337, AI638516, BF082448, BF851417, and D87071.
HPTVF17	485	850963	1 - 965	15 - 979	AA224259, T87253, BF923435, BE393764, AA968591, U73628, and AC002554.
HDLBF57	486	851303	1 - 791	15 - 805	AL516524, AL523530, AL522627, AL521047, BE250532, AL520378, BE299300, BF314768, BE797074, BF203284, BE257240, BF305588, BF316892, BF312308, BE782304, BE740203, BF317471, BE312340, BG259043, BF304705, BE783998, BE294875, BE909807, BG256226, BE314446, BE261392, BE297500, BF675381, BE744361, BE744966, BE548635, BF033935, BE251256, BE887611, BG119882, AA456543, BE747714, BG248395, BE266756, BE793743, AA126176, BF515616, AL522626, BE792687, AL520377, AL516523, AL521046, AW577340, AA405598, BF037537, AA223646, AW799736, AF143676, AB023049, and AP000512.
HE8QT62	487	851311	1 - 1714	15 - 1728	AW665408, AW613505, BG030618, BE465796, AI739103, AW952903, AW450294, AI432411, AW295155, AI346458, AW104928, AW665365, AW771168, AW752101, AW614194, BF061040, AI040168, AA443231, BE936842, AA846199, AW050768, AI382105, AA969903, AA213661, AU156681, AA213714, AA680356, AW021666, H00349, AI247239, AA443193, R75629, H84011, BF337897, AA019205, T89550, AI192058, AA342622, BF906498, AI984950, AW016702, H84010, AA148657, BG256716, C02452, AI651149, AW900852, AW504163, T89462, R75728, BF094383, AW900055, AW177473, AW177492, AI350666, AA161357, AI695407, AF246234, R10139, AI245907, BE787062, BG121187, AL526477, BF965645, AW900054, R10546,

HE9FT33	488	851342	1 - 548	15 - 562	and AK001888.
HOUBJ40	489	851343	1 - 722	15 - 736	AV656281, R01832, AV651324, AV651869, and AV651287.
					AI819381, AI310001, AI765179, AW469513, AA430317, AA916310, AA165202, AA642449, AI026968, AW771605, BE502623, AI420843, AW079421, AI934173, AW015472, AA905985, AI363754, NG4513, and AI352030.
HHEVC06	490	851355	1 - 1128	15 - 1142	R94248, AA886480, AW963444, N77480, AW505253, AA825827, AV760388, AF111167, AC003950, AL139286, AC009948, AC004787, AL162424, Z99716, AL163210, AC005821, AF131216, AC002375, Z99755, AP001711, AC008753, AC005529, AC008745, AJ010598, AL121897, AC005971, AC002091, AL158141, AC025593, AC005840, AF168787, AL157938, Z86090, AC007216, AC004962, U95742, AL049636, AC009314, AL121929, AL021878, and AP001712.
HE8FS36	491	851478	1 - 522	15 - 536	AA081924, AI826032, and AW139546.
HE2SS47	492	851581	1 - 1234	15 - 1248	
HTELD06	493	851722	1 - 908	15 - 922	BE144299, AW963157, AW797329, AW797435, AW797324, BF208787, AI902754, and AI902734.
HDPJH06	494	851787	1 - 2211	15 - 2225	AU123917, AW965127, AI268832, BE537090, BG165313, AW192928, AW276212, BE567670, AW235662, BE813321, AU136774, BE701024, BF435975, BF061774, AW772181, AI418496, AI206640, AI807458, BE047930, AI765697, AI571531, AI963307, AA284379, BE701023, AA029521, N46812, AI800943, AA954945, BF752658, AI698158, AA582925, AA029456, BF130638, N40954, N45167, BF111150, AA868735, AW377314, AA847201, BG059073, AI753676, N39320, N50565, AA910022, BE873987, AW770649, AW104970, AW367831, BF132245, AW367857, AA452831, W31257, AA292701, N50509, BG055311, AA452971, AW367869, AI651989, BE007388, BE007387, BE007389, AA95702, H48376, BE007394, AW367835, BE007375, AA188623, BE007385, N91822, BE007417, BE007383, BE007386, AW022443, H87038, AW238781, F09098, BF752965, AA832105, AW368954, AW368943, AA344658, AI500038, AI635645, AI382824, AI924708, BF327766, H87039, H48286, T67638, D25737, AI565186, AA344782, F04983, AA095952, AV749671, AA846992, F11435, AW877247, AW369597, BE907218, AW051197, BE007418, AI702073, BG249582, AI473536, BF525883, AL079963, AW983832, BG114012, AI281757, AI923370, AI241923, AL079960, AI538564, AI570807, BE047852, AI915291, AI624293, AI433157, BE392121, BF812960, AW163834, AA908294, AI335426, AI348777, AL037030, BF814453, AI251221, BF812938, AI922550, BF970652, AI678357, AI046618, BF812961, AI884318, BE826038, BE541267, BG166654, AI633125, AW026882, BF812936, AI046466, AW152182, AL039086, AI950664, AV741327, BF811804, AV715762, AV682468, AI698391, BG058150, AI868931, AI801325, AI500714, AV682326, BG029667, AI889189, AW051088, BE543089, BE544111, AI335208, BG113299, AI923989,

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AW806761, BE255861, BG179993, AJ620302, AJ345415, AJ590043, AW238688,
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BF032768, AW161156, BF856052, AJ609069, AJ358701, BE393784, AV702117,
BF726207, BF338002, AJ560096, AJ670009, BE907357, AJ500662, AJ766348, BG114104,
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A08912, A08916, AF119865, AB050533, AL122100, AL133010, AJ005690, AK024538,
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HDTKS69	495	851859	1 - 1303	15 - 1317		AW976887, AW241409, AW403567, AW964903, AW470531, AW291973, AA761563, AW296680, BE855893, BE858613, A1476419, BF115895, A1298990, A1298992, A1924755, A1937015, A1307369, A1694490, AW297292, BF886279, BF377965, BF886270, BF445139, BE139195, BF888690, BF886264, AW631316, BF888646, BF886278, AV711730, BF377959, A1598112, BF377985, A1336892, BE669511, AW197707, BF886262, BF884957, BF888699, BF888645, BF886269, BF377962, BF377988, A1681415, BF377967, A1222929, BF886266, BF886274, BF377977, BF377955, BF886281, AV752210, AV752844, AA989234, AA349603, BF888692, Z46051, AA452428, A1681890, BF888701, BF438158, BE465280, AA452250, BF377956, BF888693, D61164, AA962297, BF377991, BF240861, T33053, H12108, A1536728, R41947, AA325625, BF377964, BF888703, A1468118, A1302325, AA096343, BF884959, Z41663, BF377958, and AL122044.
HE6CH89	496	852568	1 - 2419	15 - 2433		AL133779, AW961788, BF726698, W63676, BE046412, W63789, AA659693, BF114614, BE646183, W60959, A1951970, W94209, AW044233, BF668056, AW663548, W04957, A1139947, AA514302, BF084925, T91396, AA846232, H27231, AA789002, AA581966, AW129678, AA347970, H28581, N20018, AA249370, AA449282, AW188870, AA809643, AA295134, H75715, AA449227, BE841554, BF378732, T90114, BE841633, T84625, AA610150, BE710736, A1040666, A1279919, BF130410, AA526037, H75644, A1925869, BF687723, BE153177, A1925860, BE706664, BE706539, A1690750, AW362955, A1299663, BG035577, H61476, H59488, AA633424, A1299662, AA602906, AA347969, BF839249, and AA622801.
HDPGS20	497	852676	1 - 820	15 - 834		BE560117, BE545259, BE296330, BE728430, BG037034, BE783399, BE397114, BE267957, BE410734, BE270054, BE729999, BF529231, and A1003007.
HWBBZ12	498	852760	1 - 4195	15 - 4209		AL521810, AL521731, BE874635, A1307239, AW303301, AW951149, BF692324, BE645157, AV719105, AW965997, BE958390, AW511198, AA151800, N62802, AA280093, AL521809, AA769586, A1016311, AA190568, A1128102, AW592389, AA286941, BE467469, A1690591, A1417149, N93916, N35258, A1656458, AW819899, AA114171, N31408, AW057592, BE503040, BF217243, A1652336, A1652288, A1653042, AW501088, AW300374, A1798157, N35259, AL521730, H05662, BF511775, A1209166,

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HDPBIE6	499	852845	1 - 598	15 - 612	BE140560, BG025607, BF038888, BG035065, BF510346, AU155348, AU155147, AW953423, W60080, BF700950, AA863478, N90291, BF349120, BE694433, AW450652, BE180648, AA993634, AW449519, AI806539, BE710391, AA351618, AW449522, BF874964, AI827626, AA904788, AK023383, and AL117600.
HMAEP64	500	852960	1 - 1135	15 - 1149	BG054851, BF439942, AI141684, BG008949, AA242853, BE677186, AI281834, BF433831, N50984, AA826047, AW014432, AA977801, AW770255, AA984041, T64272, AA994205, AA252172, AI361098, T64144, AW084330, AI280735, AA931748, BE146421, AW071613, R09320, AI990634, R09211, AA448980, AW388104, AI147841, AI198101, AW517751, AW238793, BF969846, AI627898, AU156992, AW074546, AW072130, AI394689, AI276023, AI457707, AI953242, AI539262, BE907440, BF984530, AI886594, AA761557, AI636788, AI274769, AI933785, AI613471, AW079334, AI539771, AW082532, BG178911, AI568132, AI624304, AL040011, AI627909, BG028962, BF792115, AI934147, D44958, AA947158, AI805688, AI432237, AI696626, BF828567, AI499960, AI554218, AW084097, AI365256, AI446405, AW264688, AI355779, AL036548, AI343038, AI272116, AI336506, AI254251, AW303238, AI889133, BE875407, BF054886, AW268290, AI963172, AW085786, AI249877, BF055737, AI537617, AW263569, AW118414, AI873638, AA150147, AI888621, AI357599, AI244380, AI625926, BE877316, BE874060, AW411412, BF904180, AI537837, AI554343, AI677983, AI471282, AI680498, AL043084, BF750875, AW410972, AI572717, AI620093, AV743631, AI539632, AW409931, BF913615, AW083804, AV709604, AI824557, AI627621, BE393551, BE964767, BF817746, AI473451, BF915316, BE613727, AI932949, AI580290, AI309306, AW104141, AW149876, AI539153, AI433611, BE783150, AW089275, AI677797, AI865931, BF925370, AW193841, AI678446, AA830821, AI245304, AI635367, N74355, AI418128, AL046463, BF924884, AI499986, AW131954, AW248417, AI859644, AI499463,

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HTYSK68	501	852980	1 - 565	15 - 579	W76206, BE892371, AA045430, BG165714, BE067761, BE067599, AW604257, AW604258, AW608062, BG027832, BF082486, BE410601, BE621092, BF746863, F00707, AW183659, BE765320, AI005256, AW139829, AA526313, BE349541, AW972653, AU123291, A1769723, AW195597, BF921966, AI908211, AV709436, AV751309, A62731, and AK024219.
HDAAD50	502	852987	1 - 2278	15 - 2292	BF979868, AU139403, AI908467, BE889829, AW753110, AA534879, AI123433, BE566224, AI692197, BE542928, AW753090, AA767381, BF208045, BF794425, BF436983, BG164095, AW511053, AW969335, AI913281, AW955434, AI522156, AI670900, AV724704, BF000574, AW753089, BE501680, BF105238, AW275367, AI459401, N20936, AI623733, AI627242, AI371861, AU157976, N24391, AU149797, AA831674, AA835896, AA417729, AI356961, AI453036, N27804, AI078123, AI376171, AA480585, BE465586, AI674322, BF670952, AU157539, BE087582, AI817344, AI867897, H99142, BE889447, BF063321, AA825911, AA604689, AA504353, AI829860, AI638163, RI16151, AI093185, AA602146, AW753088, AI025691, BF438954, AA173422, BF678657, H23392, AW183115, AI866985, N94845, AA782422, AA173512, N63526, AA393750, AA970899, N42975, AI702443, AI623734, H23281, W72180, AA779566, RI5410, AA769362, RI9830, R76511, AW235242, R44725, R45927, R76512, AA279923, AA361478, AA626869, AL040001, AI468946, AW769710, BF107251, Z21325, AW299412, AW119233, C00448, AI434293, AA809980, AF191838, AR016417, AF174536, AK002192, AF191839, and AF145705.
HNTNC03	503	853174	1 - 795	15 - 809	AI131253, BE067780, AW303082, AW237044, AA830100, AA421070, AA025511, AW993523, AI274853, N32443, R70354, AI685853, AW949793, AA420990, AW949794, N23738, R70353, N64804, AA115795, AA758003, AI393511, AI400593, AI421934, AI022207, AI419316, AI360871, AW661961, AW474531, AI094853, AI350949, AI668844, AW591521, AA398677, AI204113, AI083523, AW474490, AA625661, AA478577, AI147474, AW009344, AI264028, AI287600, AI745227, AA427956, AI361058, AW055024, AA639992, BF939863, AA677093, N34840, AA678281, AI086648, AI572140, N51463, AA056256, AA535085, AA627509, H79313, BG114657, N64760, AA393323, BF515805, BE857443, C01602, H10460, BF197896, H28024, R78391, AA570617, BF197888, R43355, AL537721, AW020489, AV712485, AA492446.

					AA715624, AA450037, AA371629, BG166418, AI086047, N90080, BF242820, R23200, AI659542, AA903186, R28390, Z38820, BE179664, BE179593, AI474240, AI471187, R39562, BF977226, N54391, N34906, AI900226, AA370525, AW750319, AA319158, AA503110, AA025818, AU131398, N76354, BF983209, R78390, N76168, D26067, and AC007246.
HCFNG65	504	853186	1 - 2669	15 - 2683	AL520019, AW965074, BF966803, BE907988, AU136803, AA292285, AW242897, AA481605, AW190410, AU154591, BF195973, AI636493, AU150382, BF334255, AA399187, AA490303, AI432407, AW003248, AW058097, AW613051, AL042324, AA490395, AI669436, AI057424, AU156517, AA648369, AA609423, AW779893, AI057419, AI823433, AA055975, AI754362, AW615173, W00815, AA740999, AI619960, AA056003, AW002199, BF756564, AW235192, AA832288, AA657864, AI368977, AI208560, BG030572, AI954427, AI184592, BF676092, AI888413, F06438, AA251676, AI470785, R53637, AI434370, H25490, R54220, AW452928, BE243536, N57953, R94036, H74165, BF963694, H90376, H48301, H06080, AA732759, AA824570, AA720892, AA251677, N69262, H60339, Z25257, R39030, AI188350, F04691, H25445, H96158, Z28877, R99995, AA363446, Z45827, AW804047, AW955093, AA353208, R14249, R51824, BG250874, AA344147, H63558, T80308, R24988, R93991, H91285, AA285259, AA649237, AA434029, BG166619, AA343843, AA702776, AA481540, T03777, AW013849, AA626078, AU136143, BF329847, AL096748, AK001882, and AK001721.
HLMNMI85	505	853213	1 - 795	15 - 809	BE900784, BF794218, BF791795, AI885381, BF037238, BE901504, BE873362, BG248640, BE398146, AI568350, BF061125, BE263482, AI568355, AI760257, AW628438, AI292133, AA535203, AW249219, AI168147, AA243345, AI291016, AA977229, AA992604, AI003960, AA774418, AI682408, AI351526, AI857534, AA961147, AI628719, AA158984, AI720303, AI347727, AW248797, AI273824, AI620238, AA614444, AA243544, AI150104, AA872243, AW967798, AA903492, AA158624, AA649230, AI291548, BG059113, AI492665, AA025685, AA470812, AV741835, AI826219, AA025567, BF446078, BF435031, AA745181, BF445492, AI090436, R58607, T24632, BF057482, AI719645, AW952457, AW961037, AW945168, AW965144, AV658835, AW961463, AV651436, AV725055, AW020592, AV729439, AV708653, AW949453, AW951273, AV703042, AV727839, AV722222, AV721957, AV684417, AV708075, AV706987, AV693527, AV650024, AV707727, AV726605, AV703263, AV706775, AV707889, AV648430, AV727980, AV704934, AV705323, AI525653, AW022086, AW960579, AW953868, AW950438, AV725580, AV753074, AW966420, AI886206, AW021777, AW949477, AI557808, AW954384, AV704350, AW023863, AW952414, AW020328, AW953394, AW021178, AW963879, AW961253, AW963028, AW950220, AV688667, AW022826, AW963490, AW958647, AV654896,

HBGMZ39	506	853966	1 - 576	15 - 590	<p>AW953930, AW950716, AV728592, AV685966, AV645906, AV709869, AW022308, AV683272, AV683415, AW950267, AV708834, AW963915, AV686346, AV690007, AW953657, AV655425, AW020634, AV728806, AV703222, AW950223, AV703168, AW954031, AV705384, AV727512, AW949433, AW952439, AV728670, AW964095, AV727990, AV727776, AW950247, AW950035, AV701580, AV705632, AV698087, AV706721, AV708004, AV706659, AV702117, AV702932, AV707753, AV702026, AV705341, AV704269, AV652443, AV707024, AV727819, AV729259, AV706744, AV701620, AV707296, AV704824, AV702994, AV726738, AV707767, AV706915, AV704182, AV705223, AV697638, AV653845, AV726229, AV729462, AV703472, AF161407, AC005757, AC005779, and AF218031.</p> <p>AI820661, AA989336, AI791493, AW972538, AI791282, AI732537, AI792053, AW207804, R72427, R22360, AA505927, R22019, R72474, and AC008537.</p>
HHHIA70	507	854202	1 - 1684	15 - 1698	<p>AUI23924, AV712459, AV716178, AUI33463, BG109543, BG254939, BE874698, BE881193, BG032497, AV713778, AV715623, BF699449, BG032394, BG256561, BF691904, BF765887, BF571543, BF211444, BE960612, BF789915, BE883523, BF701507, BE565565, BE566925, AV716400, BE568689, BF244455, BG180086, AA928757, BF244610, BE567236, AUI54863, BE966666, BF197225, BF701085, AI041056, BF242863, BG119951, AA777023, AW605844, BF668812, AUI55740, BE710106, BE170706, AI250804, AA133274, AW192753, AUI57424, AI424047, AI339978, BF241568, AA076059, AUI56139, BE780213, AUI55997, AV297486, AI803258, AV758208, N95058, AI161155, AW236323, AW073491, BF241036, AA639357, AI817155, BF448506, AI309269, BE621573, AI061069, AW769318, BF240888, N91833, N92272, W31126, AA566096, AV72948, AW795229, AI159771, BF241569, BF572630, N57457, AA173423, R71558, R15750, AI350782, R81297, AW062991, T77623, AUI57135, AA160358, T92895, BF512692, AW798549, AA612885, AA683182, BF213137, BF734616, AA649626, AA434223, AI192011, BF130714, AA864518, AW169366, BF795618, BE620006, BF241417, BE261280, BE621158, AA991504, BE905799, R69368, AI471217, AV750427, BF924747, N51436, AA173513, BE622550, BE965818, AI985930, BE397078, AW798551, AI280636, AA304806, D59419, D59418, BF239224, AI024052, AI925359, BG256626, D63079, BG105905, AA092898, BF247817, N29513, BE278555, AA812364, BE542633, AI886982, BE834067, R69369, AW503504, BE870476, R71504, AI471893, BE302362, T92985, W19525, W24451, AA283287, BF900198, BE872795, AA129670, BE931171, BG116466, BF570724, R81190, AI783968, BF933830, BE090319, BE150855, AA483073, AW969701, BF665373, AW627449, H80761, AA076155, BE163597, BF352779, AA090537, BE619343, H80760, H79112, BF691268, AUI38019, AX011687, AK001226, AK002059, AF208851, and AC002044.</p>

HNTNA78	508	854267	1 - 1568	15 - 1582	AI377951, AL521476, BF571396, BF690972, BG168844, BF576614, BG168927, AA478899, BF692249, AI970420, BF838384, AA478780, AI522149, BF571271, AA758425, N28525, AW956237, AI954716, AW197154, BF541232, BF838382, BF687607, AI631753, AI829079, AI765476, H99846, R56161, AW274419, AI371713, AI951909, AW769338, BF516230, BF680632, HI9109, AI932682, AI138219, AI925973, AI956119, AI301748, AE378559, AI080154, AI755080, BF000829, H05933, AA031313, AA736498, AW090099, AA852791, AA852790, T07303, AA928061, R55988, AI699043, AI087918, AI468315, AI469137, R56048, AW297359, AW749818, AA248855, AW517996, Z38380, BE938071, BF091711, AI760228, R55989, R57425, AC005082, and AF218026.
HOVAN91	509	854277	1 - 1310	15 - 1324	BE392523, BF341045, BF338150, BE747964, BF526954, AA293895, BE393803, N78405, BF345041, Z43548, R15203, F11332, F11336, AA324381, AI457481, AI458684, AL519858, BF341518, AL519859, AU152841, AI291292, AI458990, AW139401, BF934189, AA928861, AW139402, and AK001610.
HL YER32	510	854463	1 - 940	15 - 954	AA029331, AW664067, BE503813, AI186667, BF432974, BE503819, AI690124, BF064018, AW300343, AW813946, AI829341, AI802185, AI797180, AI700514, AA807670, BE466953, AI361710, AW975528, AA962421, BF925974, AA972769, AA834591, AI631229, AA931661, AW664640, BE041581, Z28658, Z24936, AW963973, AA077292, AI186729, T87682, T87683, AW885786, AA029330, AW885825, AA169324, BF332264, AA225538, AB032973, and AC004918.
HFPEL47	511	854659	1 - 719	15 - 733	BE277823, AF284435, AF181284, AJ243874, and AL031575.
HTPD41	512	854779	1 - 2576	15 - 2590	AL533804, AU138032, AL533803, AV717452, AI741654, AW952397, BF309916, BG114820, AA476815, BF112198, BG036318, BE969641, BE302254, AA886870, BE390586, BE150546, BE327418, AW965860, AV725911, BE150425, AW770112, BF577149, BE895478, AW748782, AV729676, AI620282, AA282484, AA604615, AI199277, BE018684, AI937434, BE044645, BE439716, AV717152, AW606003, BF000782, BE391373, AI333984, AA653690, AI382103, AI123740, AU157432, AI768399, AA934911, W23609, AI744082, AI289871, BE327410, AA418277, AI797540, AI367419, AI367400, BE939455, BF678360, AI580127, BF223908, AA136349, BE939458, AA885898, AA305525, AI285587, AA235117, AI800539, AA125938, AA128334, BE939482, BE939480, BE090130, AA652315, AA961059, AA278483, BF735246, BF735076, BF735708, R81196, AW294564, BF734915, AA974222, AA707588, BF735816, H86503, W69866, AA707611, AV655281, BF735665, AI480419, BF735400, BF734911, AI452703, BE465470, BF735409, W69760, AW664874, BF735815, BF735169, H06098, BE765065, BF735152, AA869002, AI583185, AA487915, AA136262, M85357, H97382, BE764944, AA456645, BF735655, H97460, BF735393, BF735492, D79791, BF674143, BF734950, AA488030, AW372887, AA127061, BE764945, H05805,

						BF204735, AI525947, AA235225, BF734909, AW610096, AW393414, AA225371, BE073259, R81305, AA443761, AW970010, AI758772, D62593, C00633, AA937181, AI378882, AW953657, AI611680, AA360242, BE018810, AI375295, AA573571, BE148577, AW610097, AI216877, T25380, BF886124, BF735716, BE302372, AA653625, AI002936, AA905028, AA970838, BF955284, AW207421, AW393401, BE927471, AA247908, BE939483, AA013258, BF735077, BE150692, BE939481, BF092428, AA013141, T25381, BE939457, AV735547, AA278957, AA362753, AI903337, H92468, W96192, AW379803, BF735055, BF245661, and AK002062.
HNTNC49	513	855013	1 - 1287	15 - 1301		BE798823, BG034154, BE409853, BG258958, BE535519, BE869600, BG034115, BF943604, AL535475, BE159229, BG248396, AW249265, BF878999, BF348332, BG258481, AW958840, AA312273, AA181796, BF803663, BF994234, BF973327, AL517246, BF346353, AA357585, BF874508, BE536309, BF348676, BG180415, BE613919, BF685495, AU125754, AL522846, BE868901, BF342484, AA377891, AW964034, BE159180, BE514241, BF762748, BF034118, BF896264, BE797287, BF830251, AA779390, BF920086, BF763793, AF099100, AK022719, and AL133589.
HLTCO94	514	855239	1 - 600	15 - 614		AL536841, BE735678, BE618087, BE737509, BE900924, AA481191, BE252257, BG165549, BE871566, BE868205, AA326771, AW239445, BE535298, AW603822, AW841966, AW603835, AA249452, BF317226, W40382, BE539334, BF026164, BE908485, AW157388, AA074385, AW157140, AA076522, W40381, AB041581, and AC010000.
HBIMT77	515	855274	1 - 729	15 - 743		BE407428, BE729546, BE246285, BE245964, BE244779, and AV723921.
HTLI70	516	855314	1 - 1791	15 - 1805		U66688, AI420480, BE262351, AI656922, BE312023, BE266429, BF973695, AW958847, AI168486, BF206779, BF312540, AA116009, AV647766, AA116008, AW374319, AA349960, R89046, AI083583, R89692, AW575734, BF206363, H67248, AI680780, AW015363, N22021, AI825488, AA719140, AA357634, AA077165, BF315974, AW960651, AI989486, AA309016, AA524463, H49149, AU141037, BE247057, AA190206, AA585380, AW291827, AK002018, AK024401, and AF047690.
HFADF33	517	855433	1 - 624	15 - 638		AW964861, AI199113, T03555, AL134750, AW964857, BF941466, T33390, AW071846, AI372071, AI000085, AI341994, AI290858, BE20140, AA490324, AA831108, AA761080, AA831270, T15766, AI028648, T15377, AI768928, AA504496, AA436241, AA831107, AW006092, AA810105, T33661, AI937561, AA909438, H45997, AA961978, R59510, T17110, H51407, H16747, T33279, AA903891, H44071, AW418599, AA490428, H40313, F02637, H21621, H82614, H11585, AA719838, R39306, AI885029, AA350201, AA720515, R41852, BF109022, AI809976, H09947, AI694671, T16218, T15842, R38929, F04745, R40798, R46843, AI971591, AA831269, R43111, R44115, AI206924, R44343, R46040, H40036, AA765359, R44764, R43227, AI202064, AI422537, T15867, R55715, R48930, R43364, AA761663, R37457, AV751274, BF947642, AA48314, AA447622,

					AA324968, AI350426, AW183425, AA448451, H40758, AA907751, AA077267, AC006454, AF131776, and X63615.
HETJQ73	518	855453	1 - 2259	15 - 2273	BE898276, BE740864, BE297799, BE253799, BG112280, BG036183, BF973037, BE395589, BE560491, BF673132, BG164463, AA884494, BE778924, BF978036, BE274205, BF698558, BE999993, BE737910, BF211746, BG165127, BF063578, BE738495, BF211831, AI654040, BE742425, BF031179, AI469999, AA287791, AI768296, AI554076, BF002403, BE299277, AW665618, BF978383, BF541222, BE671490, BF571881, AA918122, AI334995, BE565502, BF109294, AW316843, BF664615, BF028462, AA283819, AI190721, AA885304, AA947288, BE139521, AI376080, AW515939, AW294431, AI701521, AW572456, BF978230, N70879, AI079991, AA828548, AI924590, W28275, N54968, AA286996, AA715376, BE894981, AA283121, AI768811, AV656854, BE738367, N24988, AI867360, BE737736, AA136616, AI694656, AA156825, AW264839, AA136536, BE551257, BF572137, AA935936, AI739519, AA287059, AI635716, C05729, AA973142, AA910701, AI018315, AV692078, AA136748, AA907617, AV657226, AA284221, T51661, AI094457, BE957995, BF817789, AW976780, C03474, AI419599, AW977142, AW517648, BF063810, BF107009, AA136779, BE893461, N75944, AI911943, R24221, AA905142, AI880440, AI827565, D20239, AA749381, BF244819, AA223546, R24222, W05176, BE000179, R85502, AA126686, BF132615, AA731933, AA814421, AI500107, AI738476, BF594359, BE964686, N36495, AI570056, BG167830, AI868680, AI538564, AI590227, BF033066, BF752997, BF811804, W45039, AI434969, N25033, BG163646, BF764528, AI633125, AW073270, BF766531, BF669151, AL523067, BG122005, AI701097, AI678446, AI582932, AI683173, AI423733, AI698391, AI568293, AI884318, AI863241, T69241, AI915291, AI810544, AA019328, AW168452, BF215638, AI473536, AI633000, AI514473, AI491775, AW302960, AI579901, BF812961, AI590043, AI121653, AI133245, AL117587, AX015915, AF130056, AR038854, Z13966, I80062, AF273680, A52184, X68497, A77033, A77035, I89947, AK027209, X99971, AC003001, S69381, AJ001202, AK026462, AB040710, AF124728, AF060555, and L35261.
HAGGV44	519	855714	1 - 2281	15 - 2295	AW005818, BE327107, AW005636, AA564863, BF110826, AI806133, AI521912, AW148943, AI436308, AI720136, AI188425, H41336, AI273679, AA768242, AI150633, AI752510, AA424667, AW510795, AI202140, AA255824, AA761094, AA701863, AI720247, AA233858, AI807720, AW090104, AI079837, AW474094, R67162, AA252876, AW892362, AI473204, R61085, AW449831, AI922494, N31216, BE219459, AW206913, BE674199, T17032, AI287598, N77570, AI630970, BE567461, BE550777, T23835, BF434275, AA639314, AA256628, AA255823, AA156335, R96988, N86020, AW960534, AA303374, AA232776, AI347290, Z42298, BE503825, H41583, AI493754, AA252898, AI056208, R96932, AA256521, AA424570, AI902687, AI333641, AI400503,

HTTDM15	520	856108	1 - 812	15 - 826	BE844088, H22375, H52758, BE669588, AI797149, AI078680, BF762000, AI143375, AK000022, AI096808, and AA585335.
					BF314540, AU125474, BE746984, BF575571, BE883532, H66950, BE092409, AW190087, AW896216, AI910194, AA079565, BE699057, BE186054, BE876022, AB007866, and AI109823.
HADCY76	521	856212	1 - 1771	15 - 1785	W94262, AI057055, W78912, BF574085, and R12644.
HDPXW75	522	856251	1 - 536	15 - 550	N46466, BG058736, AI337376, AA522544, W86648, AI279721, BF222867, AI341807, AI651516, W86523, AI245138, AI262580, and AI354889.
HMCDC50	523	856301	1 - 625	15 - 639	AW340329, AW977501, BF679228, AA628140, AA867981, AA748304, AW366881, and AB014574.
HMAZ55	524	856326	1 - 729	15 - 743	AI523642, AL529465, AU137690, BE069366, AW838306, AW177706, BE253683, and AK002022.
HTXNB76	525	856497	1 - 1155	15 - 1169	AI064825, AI378126, BE669502, AA968451, AA769573, BF975690, AI741188, AI474001, AW499822, AI679047, N59572, AA811320, W01226, AI718603, AA832363, AI686801, AW517151, AI439792, AI439886, AA768288, AI439073, AA594657, T91080, AW593164, AA729025, H72219, AA769262, BF056532, AA737614, AW976937, AI634143, D25757, H75961, BE217848, BE247109, D19927, AW243878, AI640370, AI611810, AI570140, AW103362, AW023871, AI863382, AI479292, AI244647, AI472536, AI521005, AI687166, BE269510, BF791796, AW079334, AW130356, AI371265, AI580208, AV758252, AW409914, AI633225, AV744830, AI538564, AW263804, BE880892, BE906283, AI097084, AI336565, AI284515, AI343140, AI631216, AI251221, AW827206, AI270754, AI224373, BF680133, BG105381, AI538116, AI612885, AI348897, BF895218, BE745879, AI648494, AW161202, AI524654, BG026746, AA749184, AI688848, AI538270, BG257681, AI815807, AI590423, AI890907, AI804505, AW163834, AI565932, AI921281, BF814357, AI631390, AI690813, BE909551, BF811802, BG001293, AW151451, AA939199, AI609069, AI571699, BE547010, AW084914, AI963051, N75779, AI702301, AI306613, AI041230, AA129236, R41605, BF925370, AI926593, AW075382, AI344819, AI313320, AI468959, AI679959, AI310920, H89138, AI307503, AV703177, AI373622, BF339548, AI263584, AI309431, AI591310, AW075305, AI344911, AI612750, AI307507, AV681872, AI686808, AI612107, BE897632, AI334889, AI311440, AI524179, AI312398, H50168, BF828567, AI680139, AI829990, AW029457, AI249946, AW058275, BE883591, AI656270, BG254755, AA903145, AI918554, AI498067, BF342153, AI676003, BG027653, BE875959, AI416961, N99092, AI367364, AW131308, AW083168, AW195253, BF904189, AI868204, AI818065, AW104141, AI584130, AW020397, AV728304, AI267185, AI954095, BG181136, BF904192, AI446248, BG036614, AI702527, N25033, AI879377, AI889147, BE963777, AI048644, AI473471, AI950862,

BE965169, AI758512, N98597, BG250746, AI336586, AI500659, AI336662, AI312325, AW071395, AI345156, AV738918, AW083572, T95813, AI340659, AI307569, BE138712, AW071377, AI311159, AA128487, AW079432, BF827575, AW059828, AI307494, AI687568, AW081383, AI336654, AI340644, BE138684, AI313352, AV736474, AI343030, AI334930, AI309443, BE042186, BE892572, AI345562, AW130711, AW302854, AI349944, AI887765, AI887775, AI307520, AW827289, AI345477, BE138624, AI273856, AI336585, AI345026, AI307454, AW268122, AI500706, AW271119, AI445237, AI349266, AI334452, AI349787, AI310592, AI340664, AI307542, AI344938, AI345817, AI137641, AC002500, AI390154, AI137560, XS9812, AI389935, AR068466, AK027111, AR083279, B12579, AR050959, AI049452, U77351, AI137527, S36676, B12580, AR038854, L40363, AX040974, AB048995, X57084, A08910, AX015915, A08909, AI122049, AK000418, AI049464, A08913, AF118558, AF056191, AK026526, A08908, AK026522, A08912, S53987, AF030513, A08911, AI110280, AF119856, S77771, AI117435, AK024538, AI137300, L13297, AI15345, A08907, S75997, S78453, A76335, X63162, S76508, AC023880, A07588, AI389939, AR060156, A27171, Y00093, AF115410, E02914, AI359624, AF126247, AR053103, AR000496, U39656, AK026744, AX046842, AI137558, AF146568, AI122093, AI133049, X96540, AK026631, AI117438, AK026870, AK024974, AF058921, AI096728, AF124396, AF176651, AF106657, AF117959, AK026647, X66862, AI162008, AF217989, AI137536, AK027146, AF217982, A07647, AK024747, AR074149, AK026855, AI008706, I48978, AK026408, X98066, AF116691, AR020905, AF159141, AK027129, AF116609, AI137711, AF274348, AF274347, AF208026, AI050092, AF008439, AF055917, AK000489, A21103, X63410, D83989, AK025391, AI122104, U58996, I52013, AB048954, AK000083, AK025119, AJ238278, AF082324, AF130099, AI137712, AK025708, U37312, L31396, U57352, U49434, Y14634, L31397, AJ004832, AF130102, AL080060, AF161699, AF114170, AK027081, AB026995, Y11254, I89947, D44497, AB050534, AF199509, U68387, AI137660, AF287051, E06788, E06790, AR034821, AR081734, E06789, AC003032, AC005353, AI139279, AC004822, AC004686, AC007172, AB049892, AF017437, AF175903, AK026867, AF132205, AK025860, AI137461, U53505, AK026793, E15324, AX015403, AK00247, AF116649, AI117440, AI117432, AI137548, U89295, X06146, AC002464, AF061943, AP001343, AP001434, AC025735, AC005057, AF000161, AC011484, AC012502, AC005048, AI353802, AF042090, AC006222, AC006338, AC005291, AI163282, AK024570, AC010088, AI110171, AF314091, AK000450, AF137367, AF118070, E04233, AI137640, AK024601, A44314, AK026164, AF115392, AK000636, B12806, Z82022, AK026749, AK026947, X75295, AK025669, I30339, I30334, AI133016, AI157431, AI353940, I180742, AI137488, AF010191, AF139986, X65873, I735845, AF040723, AR066486.

HL WDD49	526	856506	1 - 655	15 - 669	<p>AL080074, AF285167, AF167995, AK026038, AF026816, AL079293, AC021020, AL137627, A41575, AB048953, AF215669, AF038847, AK027104, AB050410, AF166267, AF107847, AL050277, AF229585, AF119860, and AF177228.</p> <p>BF993655, AA368329, N69399, BE008086, BG013521, AA833828, F24745, BG231141, BE178471, AA758275, H52638, AA565911, AW242279, AW063341, AA721523, H68343, AW814527, AA367672, A1889426, BF838823, BF872623, BF874288, AW591276, AA550989, AA485482, AA135811, AV761433, AA078384, R87547, AA721530, A1818362, A1357109, AA827490, AW853197, BF815843, AV740716, T54173, T12424, BE149998, AW821000, A1749306, AW572715, BG150692, BE184419, BE184420, AW167330, AA834817, AV658068, AU154840, AV762687, BF856766, R32162, BE072042, AA121890, F34605, AW162627, A1791294, BF851005, AW029277, BF772498, BE706737, BE830302, A192839, N27874, A1816142, AA648957, F16848, AW976105, AV731013, H59328, AA832025, AA084927, BG113821, AA846482, BF808295, BF767996, AL080039, AA831919, AW876826, BE044767, AA425924, BF991881, BF960460, AW749816, AW582575, BF933561, AV760014, AW844636, AA378207, BF900880, T90264, H15241, W45215, AC005391, U91321, AL121952, AC004552, Z98949, AC008750, AL135939, AL035705, AC005971, AC005014, AC004596, AC020914, AC004752, AC011484, AC003108, AC005020, AC005610, AC016617, AC020913, AF031076, AC004007, AF196972, AL139339, AL022722, AL158040, AL133454, AL109838, AL049832, Z69713, Z73639, AL121883, AC008892, AF064861, AL163279, AC008474, AC004686, AC008482, AL031311, AC007363, AL390759, AC005028, X98126, AL161937, AP001439, AP00143, AP001594, AL109967, AC004099, AC005399, AC002504, Z97985, AC016995, AF031078, AC005255, AC003962, AC004706, AC016597, AC053513, AF030876, AC011495, AL121891, AC005244, AF001714, AL1354812, AC006125, J00089, AL356354, AD000092, AC020934, AL136218, AC007570, AC005844, AC008736, AL031595, AC004583, AC002980, AC024083, AL109769, AC016395, AL135960, A131016, AC003681, AP000350, AL133263, AC003109, AC005280, AL031283, D87008, D88268, AC006026, AL035690, Z49866, AC011554, AL035443, AL136305, AL050349, AL117380, AC008545, AC003662, AF196779, U02047, AC006059, AC010745, AL031843, AL110122, AP000300, Z98051, AP000113, AP000045, AC002546, AC010219, AC007151, AC003007, AC008379, AL022164, AL163302, AC009408, AL445189, AC005763, AC004779, AC005564, AC006500, AL161781, AC006160, AC006511, AC016543, AR070366, U02051, AC005881, Z93241, AF195658, AP000963, AC004991, AL031295, AF285443, AC011455, AL133548, AC006038, AL049780, AC007055, AP000270, AC000035, AP000104, AP000032, AL096801, AC004659, AL121601, AC000025, AC005527, AC004832, AC005529, AC007540, AL158830, Z68276.</p>
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HLQGX48	527	856704	1 - 1466	15 - 1480	<p>AC004522, AC004977, AC004847, AL133448, AP000090, AL034343, AC010463, AL034417, AL049709, AL049540, AL049843, AC003072, AC005778, U07562, AC004636, AC005902, AL133342, AC004540, U62317, AC011497, AL132777, Z84466, AC010271, AC007955, AC003044, AC007688, AC009756, AL031587, D45180, AC004938, AL355984, Z93015, AC011559, AL132866, AP000194, AC004097, AC002404, AL139100, Z84480, AC008872, AC002300, AC009247, AC008366, AC003041, AJ295844, AC004159, AL034380, AP001330, AC015853, AC003688, AC002558, AC002301, AC020906, AC009784, AL022721, AC012076, D87675, AB012922, AL109855, AP001695, AF075097, U85195, AL021397, AL353701, AC005052, AC004824, AC005209, AL118502, AC022173, and AC007207.</p> <p>AI912275, AI523814, NZ1278, AA747306, AA814477, AW117338, BF507448, AA826112, AU145117, AI968842, AI458612, N31213, BE675599, AI680646, AI702188, AW594235, BE552090, AI350311, AA481615, AA255889, AA291310, AW978229, BF223338, AA688178, AW204443, AW500827, AA805991, AI701746, AA210742, AA813950, AW499763, AF147767, BF088418, AI577751, AI254609, AV718692, C14407, TI1417, C14227, AA737027, D81111, D80064, D59503, AW204856, AW966330, D58246, D80258, D58101, C06015, AW949643, D80166, AW973445, AV719188, D80014, AA810766, AA514184, C14331, AV646970, AW973541, AV718707, AA809122, C14344, AW975618, D80168, AW964468, C14298, AW966043, AV702035, AV740249, AW966531, F13647, AV718908, AW949642, AV699550, AW962245, D80248, AW966032, AV724520, AW960532, AI535686, AW959582, AI557774, AV720791, AW966075, AW966065, D80251, AV718489, AW949631, AW973473, AW973326, D59627, AW966386, AV719557, AW966534, AW960553, AV699479, AV700889, AV699746, AV720729, AW960483, AV701004, AV699715, AW966332, C14389, AW966399, AW960473, AW966368, AW965175, AV700357, D80949, AW959469, AW973334, AW966343, AV719913, D52291, AV727414, AV699480, AW959202, D51079, AA287859, D59695, AW352117, AV720878, AI277234, AW962395, C15076, AW962082, AV719391, AA287860, AV694084, D80022, D80195, AV720291, C03092, AW966385, AV738340, D80391, D57483, AV720203, D51759, D59787, AW973447, AV718770, AW966398, AV692290, D51022, D80157, AW956434, AW964488, AW949633, AV720533, D80439, D80268, AW966029, AV722801, AW966053, AW960465, D81026, D80043, D58283, BF349354, D59619, D80210, AW966333, D80240, AW966389, AW966059, AA504591, AV719945, D80045, AW978634, D50995, AW978642, AW973474, AW950578, AC007381, AJ404611, AK001035, AX047063, AX033851, AR016808, A84916, A82595, A62298, AR070327, A62300, AR087649, A30438, A45456, AR092424, AR008277, AR008281, AB028859, AJ132110, AR08278, AR018138, AX047064, AX027925, AR060385, AF058696, X64588, I14842, AR054175,</p>
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H2CBH17	528	856745	1 - 2400	15 - 2414		AL535612, AL528352, AL529078, BF984476, BG031674, BG164923, AI816816, AT739004, BE673438, BE887500, BF530680, BG166586, Z78323, BG110470, AI632786, BG169003, BE614564, BF3441033, BF593083, AV713551, BE175655, AI478790, BE788863, BG034070, AI921884, BF576981, BF031364, AA046908, AW952425, BE884923, BE535946, AI700235, BF508929, BG106575, AW581575, AA628768, AI800049, BF132189, BF063645, BE465748, BE618157, AA877858, BE618737, BE536612, BE883703, AW386704, AA928423, AA190629, BE540168, AI207510, AI375581, BE466078, BE773664, AA948368, AI185073, BF035981, BE536026, AI860126, AI815682, AI191336, AA534765, BE175777, AA476488, AA046419, BE773939, AW022072, AA282062, BE696484, N39225, AA041386, AA306627, T65177, AV706244, AI879983, AI720921, T65110, BE213807, AI143153, AA534439, AW404247, R60095, AW235882, AW023142, AA970486, T19337, BF351443, AA449159, AA639879, R60033, BE773649, Z43474, BE696481, T34427, F11834, AW952273, AA946986, BE836524, BE773632, BE168435, H72634, AA307487, AW665659, T26967, AV762970, Z42711, BF858561, BF858592, BF858562, AW407068, BF858577, BF858590, AV689558, AI984207, AI678009, AI744784, N55730, Z44175, BE827450, F11018, AI689373, BE716327, AA328209, AI984218, AA354757, F08270, H72635, BE041498, Z39551, T30561, BF031778, AI589953, AI002843, BF373506, AW262881, AA828237, F02192, AI351242, AA191158, AA102729, T34536, AA324937, AI143361, AA551155, AW961370, BE297894, T32468, BF857134, AA041426, AV660746, AI090947, T32541, AA102728, AI400907, AV661503, F04498, N55981, BG153054, AW386701, AW176735, AW176736, AA287311, AI652718, AW579838, AI220286, BF577106, BE773607, AI202522, AI031820, BE963167, BG110249, BE612549, AV699211, AV708834, BF342377, and AK000759.
HLQEF25	529	856748	1 - 1041	15 - 1055		BF695330, BF577065, BF694710, BF693790, BF790324, BF575003, AA948096, AI810387, AV719315, AA182396, AA182918, AA182923, AV720180, AI190465, AA479148, AA993691, AV646291, AI580838, AA176443, AI084581, AA178889, AV682627, AA181509, F34953, H59400, Z25287, Z25389, H60056, AA479147, H54086, T98798, AA181502, Z28893, AI701328, T99107, F00368, F26701, AA181515, F35827, AI243087, F00348, BF671671, BF826947, and AV659719.

HTOHA37	530	856923	1 - 1082	15 - 1096	AL517490, AL530029, BF980012, BF968398, BE395251, BF529065, BF688249, AW961334, BF689158, BE869082, AA436974, AW301595, BF433050, BF433932, BF446695, AL517491, AI627769, BE300486, AI148986, AW295167, BE673725, BF244755, AI095891, AI338889, AL528568, AA28704, AW300645, AA938998, BE798985, AW514097, AL527696, AW290959, AI584103, W51788, AA631562, BE535497, T30453, AA593364, AA593259, D20778, AL530030, AW148377, AL522339, BE795128, T19553, AW998155, BE379035, AW998152, AI371361, BE274347, BE158361, BF315941, AA228703, BE174179, T19552, BE799698, BF206096, BE261163, BF206413, BF207220, BE262884, AW156939, AI696364, BF314126, BE274351, BE727781, BE274079, BF315253, BF311506, AL522338, BE312342, BE386675, BE617584, AK025729, AF139828, AF132951, AC008910, and AF143952.
HLHAW26	531	856982	1 - 676	15 - 690	AW966138, AA334784, AA359470, and U96409.
HKAZ46	532	857100	1 - 779	15 - 793	AL528377, AL526620, AL525016, AU125634, BE541448, AW403508, BE781367, AW192307, BE866614, AU131672, AK022700, AF102851, and AL049636.
HAQAF12	533	857311	1 - 790	15 - 804	AU136448, BE903793, BE903753, BG176915, AA586576, BE831774, AI087937, BE831773, AI093911, AA813680, AI188578, BF997808, T90345, AI541326, AL540870, AW135361, R22633, AW135913, AI651792, R22632, BF837016, BG001236, BE774095, BF988360, BE067056, BE774105, BF996551, BF993353, and AK001898.
HTXEX35	534	857404	1 - 974	15 - 988	BE297624, AW861509, AA635033, AW295816, BE271022, AA086486, BF311840, AA345490, AA452442, AA150077, T89360, BE910434, AI090051, BE270837, BE513565, AA565672, C17985, AA574147, AW953005, AA345045, AW246828, BE502458, AV701650, T83387, AI188232, BF891007, T81575, R54455, AW197716, BF366833, BE082767, AW082895, R44834, T84125, AK026088, AB040924, AK025801, AK025357, and AF157327.
HB8TE64	535	857478	1 - 818	15 - 832	BG260560, T77601, F13022, BE819486, AW176702, R29135, BG033797, and AB018322.
HL3AC38	536	857623	1 - 1151	15 - 1165	BF690273, BE747012, BF689728, BG248343, BG035837, BE621181, BE744990, BG258252, BF316560, BG030079, BE410349, BG024606, AW409922, BG180843, BE314795, BE387681, AU129413, BE742504, BG222368, BE271515, BE909811, AU127513, AW150215, BE384233, AI829709, AI268295, AI379827, AA442815, AU151535, BE621854, AW404090, AI203710, BE858149, AI246732, AW088503, AA083573, T08067, AI142394, AI076760, T78227, AA626189, AW952606, BG122489, AA610734, AI628869, T31972, AA730146, AI250915, BE778414, Z39519, AW407185, BG036993, W85819, Z42081, N56151, AA446370, BF967860, R37876, AA583648, R37875, AW385406, BF922693, Z43439, AK023015, AF053628, AC005041, and AC007306.
HMUAO3 1	537	857664	1 - 942	15 - 956	AL523893, AL532371, AL528047, AL514988, AL536797, AL517512, AL526381, AL518934, AL530464, BF974928, BE792751, AL532291, BE794552, BE796681,

					BE559812, BE794478, BF792263, BF316151, BF305070, BE793464, BF337362, BF313072, BE730996, BE891719, BG258224, BG119156, BF313508, BG028833, BG259546, BG116902, BF303799, BG031751, BE275877, BF203301, BF036038, BE279412, BE409662, BE787642, BF664511, BE267058, BE267057, AW247639, BE409527, BE885004, AW249331, BF345061, AW249223, BE018380, BF569389, BF312380, BF569712, AL518933, BE047609, AIG20935, BE266786, AL523892, AW965795, BE262650, AL532370, BF797678, R49742, BG178818, AV686283, BE787632, AL528046, BE910467, AA311885, AW410325, AV685178, BF570445, AA155725, AW327498, AA053570, BE274327, T10033, BE274615, AA133517, BE047901, AL531878, AL531877, AA714182, AA279371, H67187, AC004528, and AC005391.
HHAWD3 3	538	857697	1 - 1181	15 - 1195	AL520868, BF027000, AU143258, BF027048, BF026920, BE561485, BF027349, BE905983, BF033256, BF528140, BE870220, BF797577, BF794153, BG249297, AU127476, BE908190, AL520867, BF975211, BE739614, BF213004, AW960659, BF215875, BF218077, BE741921, AW602198, AA082654, BE792922, AW673689, BE792117, AW609584, BG032420, AW957421, AU118175, AV722650, AL632244, AIG73067, AA171541, AV762777, AV740104, AA259077, AW675298, AIG70197, BG256593, W47299, AIG66084, AW889818, BE856364, AIG70604, BE622440, BF795187, AA171510, AV737260, AW960661, W27244, AIG86139, AA974285, BG250940, R63104, AW973647, AIG93821, AW963194, AV761390, W46286, BE958292, T92848, AIG801940, AA076964, W47166, N35537, AA377718, BF243852, AW139836, AIG54760, AIG68036, BF976012, AIG21120, AA632217, AIG38878, BE890724, AA258232, BF873993, AW293111, R63062, BF332291, AA554669, AIG74530, AA932787, BF696408, BE087526, AW374135, AA323229, W05749, AW881901, AIG60413, AIG763145, W33065, AIG22240, AW966291, BF437380, T80554, AIG48883, W38887, AIG52575, AW843228, BE068262, AIG289392, AIG400800, BE739151, T32536, AK022822, AIG161384, AK002212, AIG161385, AK000991, and Z61305.
HITZMB08	539	857723	1 - 390	15 - 404	Z22738.
HJBCE86	540	857743	1 - 1879	15 - 1893	BE741368, BG256289, BG113536, BF033848, BE898310, BE870809, BG167366, AA311866, AW969023, BE167520, AW814056, AW818350, BF825716, AIG28496, AA504370, AW962851, W92916, BF062604, W93241, BF223494, AA377641, T87379, AA538693, BF816509, T79835, H05207, BF370823, AW956487, T84399, BE396475, AIG202345, AIG27617, AA504112, AA219564, AW875767, AW875928, BF969522, R94015, BF987109, AW440068, BE926223, T90221, and AK026976.
HFPCK56	541	857809	1 - 1929	15 - 1943	BE739833, AV751551, BE539375, BE619356, BE879961, AA012925, AA418407, AW028084, BF061035, AIG690904, AIG949671, AA449061, BE219361, AIG55218, AA772167, AW771435, BG122658, BG056669, AIG05287, AW952787, AIG039957,

					AW373177, BE440106, BF344446, AI796800, AI421026, AA037175, BE857334, AI689738, AI680796, BF001323, AI360089, BF438532, AI568970, N56916, AA418504, AA410416, BE797251, AA976077, AW299760, AI948837, BF223290, AI925315, AI744545, H22687, AI560863, AA931566, AI801467, AW373172, AI307790, N33168, AI620925, AI685502, BE876258, AI186166, BE545371, H22670, N44951, AW589991, AA772572, AI094972, N39575, AA351859, AW026324, AA861181, W27237, AA469378, AI049895, AA449773, AA402063, AA937530, AW803238, H96974, BE878083, AA938412, AA151221, BF907727, AI311559, AA351860, AW028003, AW079992, AI276817, W32509, AW139343, AI888644, AW130580, AA044269, AA410273, AA993422, AA687549, AI813495, W27206, AW373182, BF941191, AA340324, AI143750, HI4486, R53630, AI370443, R48542, AA151220, AI271975, AI860157, RI2193, AA321771, W93548, AW593928, AI140110, R62328, BF941785, AW275061, W32606, AI611136, AA398924, T66931, AW138501, AA758353, R48627, AA991280, AI581671, AA349145, N59828, R96451, BF527602, H04226, AW515323, AA991278, AI918973, R96452, AI687472, AI674456, AA338948, BF747204, AI985395, AA142905, AI268792, H27505, RI2929, AI280425, AI370507, T83253, W27541, BE719110, AI961564, AA410417, AI284737, T90723, R51963, H27578, T66932, AI880036, AA338947, AA847693, AA364215, T49336, AA069380, AA026556, BE939130, BE538557, BF818515, D54538, AI360057, AI351186, AA044169, H02921, AW138557, R62327, W96350, AW118418, AI198091, T10481, BF507638, AI424187, AA847337, N72776, AI335238, AI873143, AA436364, BF735896, AI682149, AI868856, AI419753, AI472343, T49337, AI394598, BE002485, N46721, AA652885, AI810464, R39917, AI927142, BE787445, AA069327, BE622776, AI078649, BE620017, T11055, AI564318, BE987031, AX015375, AI162074, AB042237, and AF099664.
HAPSP72	542	857844	1 - 790	15 - 804	AA883971, AA279963, R72577, AW407668, BG027230, AV653067, AV734755, AI423283, AI080765, H39710, BE894063, AV743087, BE089346, and AF090899.
HACBM44	543	857913	1 - 478	15 - 492	BF894434, AA772839, BE613856, AA070022, BG257837, BF683728, BE182197, AW816423, BE514232, BE269045, BE561837, BE297684, BE268536, BF686266, BE561914, BF348341, BF900754, BE270716, BE514301, BF902815, BE269031, BG035835, and BE889023.
HLTEO24	544	857964	1 - 579	15 - 593	D78845.
HHFJP51	545	857977	1 - 436	15 - 450	
HHFLL87	546	858001	1 - 1977	15 - 1991	BE730079, BF530314, BF338153, BE728474, BE467496, AV724172, BE703447, BE703444, BF967936, BE703446, BE703288, BE703411, BE703243, BE703287, BE703417, BE727145, BE276336, BE703324, BE703400, BE703310, AI814505, AA057243, BE703200, BE703244, BE703269, BE703236, BE703479, BE703326, BE703356, BE256491, BE703332, BE703331, BE410506, BE703225, AA719313,

				BB670970, AI025014, BE670130, BE703277, BE703364, AW953988, AW904343, BF931510, AW604323, W92282, BE703272, BE703402, BE703336, BE703289, AI797104, AI368765, BE858615, T34894, AI190953, BF920729, AI417195, AA759265, W26202, AI459793, AA719557, AA015807, AI041398, AA021416, BE703344, BE703226, BE703321, BF931506, AA443248, H40581, AI885131, BF807028, AA046921, BF948531, BE857333, AI085643, AA046453, AA788914, BE045219, W27034, AI076384, W27614, BE700982, W27321, BF931009, BF948179, AA719655, BF899062, BF920283, BF364693, AI306509, BE348520, BE045244, W15183, AA443210, AW015179, BF822310, BE277415, H30618, BF364694, AA046467, BF931012, H30292, AA814559, N58834, H38989, AA057521, H46686, BF948173, BE045226, BE703410, AI457677, W39637, AI081726, AI961673, H46335, BF931512, H85817, BF804437, AA018314, AI797336, BF948524, BF948482, AW387092, R46308, BF807112, BF588479, AV707740, H86430, BF948142, W28790, H28098, AI566805, AA364376, BF931503, H81818, AI359186, AA019621, H92837, H49984, H41499, H85824, AW661828, AI936563, BE387789, AA857520, AA384821, AA016108, W22944, H50026, BE221046, H86229, BE766636, BG222840, BF808801, AI286075, N57572, AI368633, AI368634, BF839378, H46685, BF822306, AI244368, H40833, BF364677, AA069459, AA018171, R54956, Z40616, BF967140, H81819, Z44833, H41613, AI421538, BF960312, W92465, BF960305, H38426, AA337641, W15451, AA059271, AA364819, BF960302, AI554760, AA021417, AA702335, AA317646, AI272152, AA001002, BF960311, AA064816, AA365666, N75251, BF512150, C20695, AI860628, AA364065, AA412417, T34762, AW905446, AW360895, AA339520, T33755, AA364416, AA069648, AI219955, BF364518, BF948541, AW071980, BF059309, BF745933, AA015808, AA971878, BG055312, BF933229, AA782828, AA758433, AW905449, BF002025, AA873143, AA339033, AA059227, AA351091, H37786, AA016051, T31938, AA019659, BF090230, R46212, BF931501, H85354, T34932, BF934200, AW135898, BF931006, AI887051, BF931007, H86586, BF931504, H86090, BF967882, AI633477, BF957864, AA322532, R88814, N79281, H95912, BF364674, AI452993, H85357, AF093249, AF101054, AF100612, U89715, AF081583, AF071000, AF101053, AF100613, AF000272, AF118562, AF081582, AF071001, AF179306, E12580, AL049452, AB007812, E02221, AL110221, AF067728, AX042059, X63162, AJ010277, AF130077, U49434, S61953, U76419, AL117585, AK025239, X93328, AL162004, AF130056, AL080060, AF017437, AK027081, AF118090, AL137480, AL137547, AL355713, AF159615, AK027164, AL133016, S53987, AL080129, AC020581, AF119883, AB048974, AF130110, U92992, AK024545, AL050170, AK024594, U92068, AK026626, AB033884, AL080162, AL137533, A08910, AF013214, AF067790, A08909, AB016226, AK027116, Z82022, E12579, AI242859, AL023657, AF015958, AL442082, A27171, I89947, AF111851, A08908, AF218005,
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HCUDR30	547	858010	1 - 578	15 - 592	AL537942, AL534242, AL527448, BF696096, BE312444, AA304903, AW503291, BE901740, BE731529, BE243050, BE245640, BF853861, AA909013, AL527409, BG011149, BE564330, BF761193, AW663919, AI192939, Z19492, BF894331, AW263118, AW183340, BF925859, T30478, BE766913, AW450182, AA430358, AA430332, AB041605, AF211859, and AF185591.
HHFHD24	548	858020	1 - 627	15 - 641	AL133342.
HSIAI48	549	858030	1 - 598	15 - 612	
HHFBP47	550	858073	1 - 1051	15 - 1065	AA203115, AA001259, AW961743, H69425, H68732, AW341717, AA778598, AA346824, AA707336, A1632467, AL050350, and AC002464.
HKADE35	551	858104	1 - 830	15 - 844	BG119757, BG170168, BF307487, AU137041, AW383171, A1884713, A1761426, AW961739, A1816016, AA535378, BF684161, A1869337, AA131094, A1249699, AW614114, A1218746, BE295299, A1469925, AW961740, N79760, AA927285, AA902207, A1130718, AW882943, W07208, AA448078, W02262, AA115546, W72783, AA889154, BE940629, A1220570, R00154, R00155, BF434422, AW262887, AW450558,

						AA130970, BF822970, AI361955, W21211, AA115083, BE856483, AI361947, AA347763, N48234, D12320, AI035690, and AK001963.
HCFAW88	552	858107	1 - 756	15 - 770		AI533888, AL520318, AI951749, BE395042, BE251326, AI571803, AI021931, BE257270, AL530622, AW024940, AI023746, AA306490, AW295451, AI418206, AI240266, AI418223, BF216867, AW294426, AI343854, AI245358, AI767945, AA464683, AI350205, AV736738, AA977564, BF215223, W42796, AI301348, AW592778, AA974763, AA908999, AV740701, AI350678, N43024, AI037922, T67103, AA298928, AW190060, C14760, W42688, AA297690, T94495, T94475, AI478584, AW365898, AI656889, T62095, BF223309, AA868949, AI200903, N30921, AF063605, and AF161461.
HISCV20	553	858108	1 - 2725	15 - 2739		AI527328, AL527289, BG029721, BF115619, BE544694, AW964987, BF002108, BF002100, BF031529, BE788828, BF038066, AV694634, AW027782, BE785151, BG036326, BF031242, BF939550, BF382985, AA917321, AW977444, AA854957, AA521384, BF032638, AW466967, AW408024, BE789609, BE787439, AA844350, BE857617, BF242377, AA166975, AA913595, BE813914, BF841239, AA287827, AA418784, BF819991, AW996732, AI692485, AI276163, BE674010, BG167495, AW590272, AI129275, AI765667, BE738644, BE566867, AI311555, AI827288, AI097614, AA765231, AI968870, AA418730, AI192364, AI027867, AI744696, AV724655, BE041523, BE929880, AA233763, BE000998, BF438544, AI285236, AI056106, AA213557, AI167821, AI360036, AI289210, AA342122, N53400, AW339321, AW170226, AI148737, N49395, AI767688, AA714352, AA287828, AA233814, AI803036, AI074273, AW999094, AI026044, AI287887, AI422736, AA884204, AA639449, AA166822, AI088180, BF750463, AW001792, AI536562, BE544121, AI935282, BE464866, AA001688, R78283, BE546758, H00831, R78865, AW016550, AA709410, AW197325, AA844412, AA406278, H67197, AA788787, H67870, AA468799, AI721067, H87488, R62257, T90260, AI766944, AI968836, R68949, D78677, T69966, BE000702, R62149, H87419, W32207, H87489, AA788735, BF994640, T90701, R94757, AA577055, R78284, BE000676, AI028057, N49484, AA342123, R31934, R24151, AI920949, AI636210, AI769630, R79352, R31980, AI371532, AA767915, W32264, AI146580, AW241443, BE551963, AW241500, BF332740, AI568885, AI953137, BE001102, C01870, AI656647, N39270, AW997327, AA903048, AI655771, BE171980, AI277792, AA889512, BE814493, AA700794, AA404318, AI041427, AP002023, AP002022, AL049963, AB020970, and AB020969.
HHHEUE88	554	858214	1 - 1337	15 - 1351		AI523779, AU131189, AU133187, BE783561, BE867250, BF699945, BG037141, BG117680, AI739046, AW130603, AI695012, BE868966, AW405438, AA973733, T27227, AW575386, R44060, AA173346, R49395, BF436899, R35008, BE379331, H49151, R18946, AA347083, R14163, AI766126, BF447018, BG055004, AI421690,

						AL042544, AI142139, AI142137, AL119418, AL119522, AL043019, AL042896, AF181994, AK001716, AK023153, and AF181995.
HHESR56	555	858221	1 - 403	15 - 417		AW190508, BE257879, BE276412, BE902633, BE241687, BF312731, BE874333, BF027542, BF528144, AA453537, BF205635, and U62317.
HHENU62	556	858281	1 - 564	15 - 578		BG104528, AA836271, AI741911, AI032698, BG261359, AI281113, AI191665, BE568580, AW135688, BE170003, N24155, AW189382, BE392213, BE936240, BE541341, AI263150, AL529082, BE169971, AI032904, AW373723, AW904359, BF792763, and AF148713.
HE2RG38	557	858353	1 - 1340	15 - 1354		AW026983, AI096371, AW978449, AI805266, BE671144, BF313094, BE675256, BE671545, BE313399, BF126007, AI813506, BF527842, BE261326, BG030121, AI814357, AA278622, BE018768, AI703092, AW583230, AA706326, BF433201, AA488980, AI022087, AW968974, AI122704, AI818809, AI222918, AW072442, AI275108, BF829851, AI159815, AW193443, AA292263, AI423425, AI144320, AI609781, AA485429, AW104920, AI272950, AA428327, AI334199, AI033680, AA022909, AI086031, AI804628, AW190837, BE383669, BE677447, BE676774, AW136424, BF940449, AA258336, AA844188, AI740853, AA485593, AI057476, AW139461, AA278619, BF836072, AA829838, AW409894, BF836066, AI831028, AI417028, AA040603, W79625, AA063603, AI568977, AA009977, AI566791, AW207462, AA489202, AW473862, BF836062, AA258500, BF870248, AA054223, BF801885, AI476664, AA022977, AI564834, W84629, AW193442, W79481, AA278946, AA811062, AI263269, BE772525, AA854136, AI244605, AI017828, BF804301, BF823633, AA488758, HI0442, AA843762, H40417, H51352, AA018100, H50514, AI813689, BF057494, AA057616, AA854370, BF877350, AW382297, BF528516, AI349422, W84680, H45660, AW601952, AW576325, AW381714, BE843327, BF742078, AA428852, H40805, AA830623, H45601, AA705407, BE720180, BE832334, N93711, R90839, AA844116, R47803, BF756715, BF756782, BF944304, AA504224, AA768075, BE938371, BF326394, AW601824, BF088729, BE070423, BF438701, BF761729, W21098, AA047781, BE929287, AA890426, W42938, BF757566, AI824215, BE938291, AA729090, BF836067, BF758306, AA065147, AW411171, BE784516, BG261000, BF312239, BF568526, AA036685, AI424954, BF791888, and AC004528.
HCEVS49	558	858355	1 - 3096	15 - 3110		U69564, AL537837, BF237602, BE741712, BE313325, BF568110, BE740552, BE799632, BE740533, BE906531, BG029791, BF341878, AL527111, BF312690, BG036285, BE798874, BE294282, BF689430, BE384979, BF314883, BF038180, BG222518, BE336694, BE264037, BG033664, BF058080, AW085697, AW954669, AW088228, BE221256, BF307166, BE251705, BF204265, BE900626, BE300976, BF690377, AI815879, BG114609, AW615570, BF315806, AL079461, BE349448, BG056733, AW958270, BE298933, AI813540, AL038992, AW190842, BF340695, BG106308,

HKGBP90	559	858433	1 - 973	15 - 987	<p>AL049094, BE256600, AV696220, AV693975, A1752278, BE504382, BG255364, BE260182, AU157496, BF984186, A1752277, AW006629, AW071607, AW029278, BE312303, A1675814, BG119218, AW300723, BE207152, A1983127, AW250994, BE537012, AW250316, A1183989, AW082832, H06527, A1803552, A1682029, BF950758, A1697628, A1027484, A1929185, A1187908, AW296985, AA720868, BE387598, AA070184, A1640815, A1221346, AW002534, AV684522, BE266062, AW892634, BF941957, A1978881, AV691335, AW008898, AA534593, F06591, AL041516, AA493405, H07063, AA601139, R41733, AA962036, AA593580, W22153, T50422, AW374824, BG179375, AA565593, AA330975, AW627854, BF981852, BF756421, H06582, A1244327, BE273002, F27429, AA780871, R63725, H16345, Z39572, BF963596, H07064, AA310536, AA377656, BE768408, BF445899, BE770301, AL135247, AA326424, T50553, R64547, W81496, T15575, H44003, AW176593, AW390818, AA347673, AA070348, A1648464, AA378999, BF680725, AA353275, AA353852, AA374015, BE710163, AA180482, AA653185, AA627569, AA307441, AA630000, T16808, H42808, R63774, AA295697, R64546, AL049097, AA158424, AA179729, A1004515, A1290176, AA515558, AW290873, AA158527, AA708444, BE046307, R81768, AA992022, AA016091, BF984839, AW473834, BF337310, A1344056, BE010512, F37346, AB020697, and AK002076.</p> <p>AU128527, BF796067, AL528220, BF239056, AA442422, AA479166, A1823507, AA479165, AU137156, A1217410, N31699, R00425, BE789559, BG177143, R10543, and AK001445.</p>
HOELK66	560	858436	1 - 2304	15 - 2318	<p>AU117405, AL530997, AL529169, AL135037, BE878842, AW955927, BE298245, AW960167, BE386483, BF593630, A1340318, BF727196, BE348748, A1436218, AW052084, BE222524, AW571483, A1352457, BE970217, A1984228, N41838, BE645325, A1340098, AA599198, AA418418, N51941, AA043809, AW182492, BF739941, AA890032, A1127842, A1702474, A1681103, A1744530, A1803215, AA705363, BE856644, A1090984, AW276355, A1080655, AW276410, AW105466, BE708316, A1277102, A1831903, AW089467, AW242791, AA626319, AU144241, BE464402, AU135117, A1261867, AA781551, BF196206, AW602876, AW275186, A1694852, AA678395, AA143320, BF593442, AA687211, AA417876, A1078241, AA969187, AA043660, BF900486, BF333655, AA336439, N24073, AU155838, AA309055, AA975959, BF433444, AA143356, AW935400, AA745787, BE090295, D79158, H73220, F32584, H60361, H68701, AA418460, A1468726, F36314, AA143369, T32005, AW001819, H26566, Z24843, A1864215, T52171, A1582960, BE710302, N53726, H84814, A1346204, BF572525, AA143308, A1268878, AA482531, T52182, AA210898, A1348618, AA922607, AA845288, Z28591, BF570631, H59089, BE697157, BF309130, BE073872, AA728919, BE697091, AA330170, A1073396, BE694982, BF348762, H26565.</p>

HHFMX34	561	858449	1 - 1278	15 - 1292	AW843892, AW796682, TS2247, TS2258, AA928517, H50220, BF132441, AK000917, and AB023218. BE275378, BF791879, BG112790, BF968736, BG254462, BE275915, AW580665, BE263098, BE744965, BF973712, AI951844, AI697543, AA127398, BF063168, AI825828, C06390, AI744238, AI090282, AI498944, AW371122, AW371115, H95221, AA804499, AI394091, AI650279, AA419209, AA402808, AI086334, AA600979, W45242, AA419224, BF439274, H95222, AA402800, A438677, AI092188, AA804612, BF772169, H41027, AI003494, AW044106, AA380652, AW958526, AI568586, BE930863, W42686, BE747861, AA618395, AW371126, AA554683, AA872598, BE062041, AI571424, AI702854, and AC068499.
HOUED48	562	858450	1 - 952	15 - 966	AL537074, BE733236, BF664002, BE734188, AL537980, BE541794, BF984256, BE278556, BG168068, AA621878, R16058, AL537073, R48625, BG118498, H06532, BE296427, BF915081, BF917935, T81623, W56243, BE929147, AI806997, AA279374, BE763432, AA531459, BF341872, AA279109, BF088660, AA279631, AI394672, AW087792, BE763399, AA767321, BG163730, BF526041, AA804782, BE833009, AI123992, AX035942, AF134404, AF139813, AC004228, AC003025, AC004770, AB041560, and T66644.
HHBB126	563	858451	1 - 1078	15 - 1092	AL537073, BG118498, AW005365, BG163730, AI133555, AW518845, BG231597, AA814375, AI419315, AI830935, AA642405, AA642379, AA262103, AI421947, AI886741, AW080967, AI088702, AW337792, AW769910, AW303866, AI085696, AW264721, AW263587, AI279180, AA731885, BG168068, AA807076, BF341872, AI375824, H06474, AA827586, AI127474, BF445799, W56323, BF526041, BG055791, AA279631, AA340771, R16057, BG028267, AI140643, AI523650, AA825264, AI400549, BF915081, AI755187, AI216692, BF917935, AI364162, BF886501, AI798264, AA531459, AA886229, AA279632, AA410667, AA730214, AA235582, AI784277, BE763432, C01213, AW273612, M91491, BE763399, AI277133, AI039041, AI052391, BF088660, AA621878, BF835624, BE833009, W56243, AL537074, AW963071, AW951748, AW953042, AW955684, AV692622, AV646990, AW959213, AW957665, AV645836, AV709607, AV652826, AW955967, AV704757, AW955639, AV697308, AV690866, AV707380, AV727361, AV709334, AW958059, AV657500, AW957944, AV646724, AV705873, AW965555, AW958040, AV696219, AV708726, AI557707, AV686516, AC004770, AF139813, AC003025, AC004228, AF134404, AX035942, AB041560, AB021980, AF126798, AF309557, and T66643.
HHAUZ72	564	858492	1 - 659	15 - 673	AU141383, BE537667, BF359516, AW166235, Z43858, AK000399, AL355103, and AK023885.
HWMA4 1	565	858536	1 - 1598	15 - 1612	AL520658, AL520658, AL522597, BE732295, BE790785, BE792835, BG104235, BE899593, BG248527, BF529516, BF128722, BF207081, BE797840, AV681522,

BE548729, AA034095, BE279990, BE262937, BE560958, AA099014, BF683179, BF149380, BE409895, AA443460, AA521261, BF149417, BF972266, BG231704, AI380466, AV708717, AL522596, AI601258, AI922591, BE559954, AI568423, AA521360, AI340192, AA576296, AI018766, AI292077, AI149390, BE222604, N26097, N56989, AA156490, AI751520, AI362844, AI092927, AI885624, AI554676, AA443342, AI144510, AI361418, AW073509, N39813, AI300469, AI302840, AA054959, AA134109, N26662, AA836018, BE546367, AI660772, AA045420, AI763377, AA999788, AW262496, AI148818, AA576417, AA961788, AI918062, AA045314, AA156140, H23879, N36737, AA887768, W01353, AA420615, AA102403, AA099091, AA055421, R40598, AI686531, BF222554, AI421021, AA363039, H47023, H42173, AA811052, AA631072, H85513, AA130256, AI969959, AI093973, AA702964, N62818, AI826514, AA443329, AI632688, AA357703, BE265435, AI470639, AI918816, AI472869, AA829362, AI868052, AA809432, AI186580, AA568573, AI241611, H23880, AI216887, H46484, BE766321, AA778803, BE896430, N47374, AA356491, AA102402, BF054717, D12235, AW402451, D12191, D12183, D12198, AI954721, AI500113, AV659451, AL043166, BG222794, AI798359, AI537677, AI648567, AI654286, AI560545, BG167830, AI927233, AI538615, BF812963, AI804505, AI815239, AI500659, BE883591, AI866465, AI474699, AI537643, AW983691, AI815232, AI866691, AI801325, AI500523, BF812438, AI538850, AA088789, BE885490, AI887775, AI582932, AI872423, AI590043, AI923989, AI284517, AI500706, AI445237, AI491776, AI289791, AI926593, BF811804, AW151138, AW983703, AI889189, AI521560, AW151974, AI285417, AI500662, AI623302, AI924051, AI539800, AI582912, AW172723, AI284509, AI538885, AI440263, AI889168, AI866573, AW058275, AI633493, AI434256, AI866469, AI434242, AI805769, AI888661, AI500714, AI284513, AI888118, AI285439, AI859991, AI436429, AI355779, AI623736, AI889147, AW194509, AI581033, AI371228, AI491710, AI431307, AI440252, AI440238, AL047422, AI567971, AI866786, AI860003, AI610557, AI431316, AI242736, AI784377, AI539260, AI828574, AI887499, AW151979, AI539781, AI431238, AI539707, AI702065, AI885949, AW089557, AI559957, AI285419, AI521571, AI872315, AI469775, AI932620, AI866581, AI696340, AL047398, AW074057, AI567953, AI815150, AI446495, A45787, AFI30078, AK000484, AL049423, A41579, I48978, AFI32730, AC008897, AF260566, AL133607, AL137561, AFI59141, AK026057, AF026008, AX040958, AL133084, X98066, AL133070, AX040974, AL133655, U30290, E13998, AL389982, AL049276, AI8777, AB011076, AR038854, AX010492, AL162066, AI050366, AK026571, AK025015, AK027136, AK026182, AK027222, I48979, AK026844, AF067790, AL080227, X83544, AK025377, X66113, E12888, AFI30054, AR083264, AFI83393, AFI32979, U80919, AL133053, AK025669, AK000250, AK025589, AL133015, AL133608, AL133049, AR073709, AB047819, AR055519, AL133051, AL161628,					
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HCEOV70	566	858578	1 - 1020	15 - 1034	<p>AF118558, M64936, S82852, AJ010953, AB038698, AB046105, AR034821, I80062, AL137463, Y18680, AL080146, AL359618, A07588, AR015970, AC012067, AL356098, A21103, S75997, X66862, and D12237.</p> <p>BF207316, AW952330, BE048308, W47088, R60686, T07981, AA136179, Z43256, T31228, T31051, BF870216, AJ627772, AW731841, AA243646, AZ69329, BF516127, AI885745, AA715133, AZ43495, AI186338, AI669326, AA687631, AI568648, AZ21359, AI383362, AI440345, AI082826, AI382930, AW963418, AI991097, W15577, N31749, AA975036, W45551, AI685480, C14841, AI288512, AA243774, AI675227, T31221, AW152293, R33810, AW960536, AI167613, BF967918, BG118746, BF529216, BE242226, AI698949, BE793296, Z45670, AA193542, AA372274, AI401041, AI866509, AI948515, D56180, AI267727, BE858620, AA527274, AB375152, BE464336, AI161214, AI026748, T30406, T33877, W46985, AI682778, AI656572, AL121753, AR055638, and AB021226.</p>
HKGDL95	567	858584	1 - 2339	15 - 2353	<p>AI140348, BE893909, BG119201, BG032259, AL042724, AW084640, AV718292, AF074673, BF527847, AV699454, BE779623, AU145735, AU136318, AV745173, BF035488, BG058685, BE551010, AI343468, BF038639, AW575179, AW236238, BF081516, AI675472, AV748648, AV747531, AA126436, AI279164, AI935120, AW402514, AI694570, BF744463, AI924726, H99003, AU150689, AI418449, AI935109, AW173599, AW573224, AW070842, AW192729, W27038, AA775398, AW338994, AA649176, BE568748, BF588715, C05893, AA977091, AU147707, AA040367, AI424920, AI921383, AW960256, AW949850, N45992, BE350115, BF476721, AA111977, AI650806, AW263693, BG261284, AW057891, AA769208, AU156647, AA725733, AA903179, AV698412, W39236, AI040043, BE870586, AA599535, AA972949, AA663521, AI302523, AI050019, BF197335, AA907605, N20975, AV685581, AV697743, W15276, AA083695, T32401, AA976298, AV691284, AW891761, H14871, AI392652, AA133685, BE245943, BE170517, AI702518, AA120987, AI968600, H11921, AI015136, Z36868, AA342508, AA382400, AA133684, AW891763, H88183, H11922, AI830477, BF833298, BF833291, AL044850, AW236770, AA313178, AV689233, AI192221, AA448303, T18935, H88182, AW391124, H71942, AV689258, AA970675, BF839197, AV689254, H72101, AI968558, AA969871, AW407443, H49850, D61511, W31969, AA883364, AV689256, D62244, H13634, AW753793, BF059446, H72203, H49849, AI913682, BF833304, AA448439, BF742485, H14826, BF091774, N45991, BE144136, AA906369, H13635, BF082475, AA912678, BF334303, T36008, BF339109, BE693460, AA569907, AU128401, AL044309, AL044190, BE926408, BE719712, AA778495, AW365730, AW365655, AW365749, AW365756, AW365810, BF929195, Z21605, AW365732, BE000079, BF833286, AA130597, AW903428, AI478396, BF515163, AU121998, D63875, E08855, and L49502.</p>

HSKGN12	568	858602	1 - 1097	15 - 1111	
				BE910157, AL529252, BF691356, BG249744, BF029936, AL529251, AL310513, W37665, AI052380, AI215926, AI808790, AA843500, AW361977, AA436116, AA436013, BF830647, AW964440, AI087987, AI310417, AA830902, AI248752, N29253, D80500, AI697064, AA761738, AA668365, AV711889, W72451, AI338983, AI351654, AI769624, W76300, AI224359, R99781, N21671, AI031980, AA890666, T78987, AI695771, AA574086, AA723226, AI079679, H68341, AA305802, AI081638, AV684901, AV686045, AV683746, AV686019, AI096794, AV698854, BF031765, AW235947, R66569, R66568, H95196, AV745297, R99007, H96042, AA039725, R00926, R02165, H68273, AA318853, BF375156, H68274, R06733, AA352615, H68342, R06732, BE767051, AI910631, AA449967, AA725387, H95154, BF911521, AW020397, AW020406, BF339562, BF213611, AW961463, AI345416, AI345612, AL038445, AV721957, BF814449, AV703263, AV706775, AI345415, AV702994, AV726951, AI249946, AW161156, BE612681, BG105500, AI624693, AI470293, AW268122, AI452993, AI538850, AW961037, AW965840, AW950438, AW953974, AW965144, BF868489, AV683272, AV708834, BE393784, AV651436, AV706219, AV703168, AI686073, AV705384, AV660662, AV708622, AV729439, AW949453, BE880209, AW951273, AW949433, AV728670, AV753074, AV703042, AV727776, AW950035, AV701580, AV722222, AV696257, AV707727, AV726605, AV706744, AV707889, AV727980, AV705323, AV726229, BG029829, AV702147, BG105169, BF245586, BE620120, AL037582, AI567582, AL037602, AL040449, BF752858, AI886124, AI583670, BG249582, AI335207, AI866082, BG032036, AW827289, AW160905, BG259989, AV655425, BF339310, AW072719, BG163618, AI538008, AL121270, AW960594, BF814447, BF840674, AW963492, AI305745, AW161202, BG178689, AV708992, AV707541, AW945168, AV696106, BF338177, BG255493, BE883989, AI345477, BE138624, AW951263, AW958647, AV654896, AV689111, AV728157, AI591407, BF970449, AW953787, AV645906, AV685966, AV709869, AV704234, AV702026, AV683415, AV708893, AI680498, AV690007, AV725055, AV728806, AI281867, AV703222, AW954031, AI828574, AI358042, AV708653, BF341210, BG107315, AV652156, AW953965, AW952439, AW966420, AA743354, BF038131, AV727839, BF337857, BF343521, AV727990, BG256592, BG110540, BE880182, AV704696, AV705632, BE536058, AV698087, AV726624, AV706721, AV709604, AV708004, AV704955, AV708075, AV702117, AV702932, AV701707, BF032910, AV707753, BF822127, AV705341, AV706987, BE874133, AV652027, AV704269, AV652443, AV693527, AV650024, AV707024, AV702804, BG113224, AV705693, AV701620, AV707296, AV704934, AV709390, AC004955, AF119875, AF218031, AL137547, AF126247, AL353956, L04849, AK026504, AK000432, AL080140, S68736, Y10655, AK026885, X84990, U35846, AF183393, AF159615, AF314091, AK025435,	

					AB007812, AL110221, AL133075, AF175983, AK024570, AK026542, I89947, AL117460, AK024538, AF158248, AL050277, AK026865, AK000652, AK027113, AL133557, AF260436, AL133619, AL137480, AJ299431, AR029490, AK026591, X80340, AX017991, AK025209, AL110196, AF090900, AF078844, AF067728, AX042059, AL359600, X06146, AR038854, AK026647, AK024588, AL133558, I48978, AK026583, AB050510, AF143723, AK026592, AL117435, AL389935, AK024594, AF119883, AF119909, AK027146, AK025798, AL442082, AF090901, AL389939, AK026894, AK025906, Z82022, AF116646, M27260, AL133016, AF260566, E02221, AL137665, E12747, X81464, AL162002, AL137459, AK025092, AF106697, AK000250, AL137529, S77771, AL080148, AL133113, U75370, U49908, AK026534, AF114170, AL122049, A18777, AF065135, AF116609, AK027204, A08916, AL162062, AK025254, AK027116, AR038969, AK000636, AL117649, A08913, I09499, AL117432, AF067790, AL133067, AF100931, AF090943, X79812, AL122050, AB041801, AL049382, AK026613, AF090886, AL442072, AK000391, AF155827, A08912, AF139986, AF102578, AL050366, A08910, AX026824, AX026823, A58524, A58523, I89931, A08909, AF130035, AL389983, AF069506, AL359583, AF017152, AL050116, AL080126, AK026462, AL122110, AR087170, AL137557, AK025967, AB047887, AR000496, U39656, A08908, AL133081, AF176651, AF031147, AK025541, AK026927, U78525, AL137527, AF155148, AK000618, AK027096, AF028823, Y08769, AK026947, U87620, AL137533, AF177401, AL110225, AK000450, AF266204, X63574, AF242525, AF116631, AF026816, AK026408, X63410, AF116691, AK027081, AK000418, AF217966, AK000137, AF118090, AF079763, AF116654, AF153205, AB047904, U96683, AF119857, AK027144, AK025312, AL050149, AF119856, AF130077, AF061981, AL050138, A15345, AK025378, AL133104, AF118094, AF119878, A77033, A77035, AK026626, U90884, AF225424, AL080154, AB048954, AK026762, AL122098, AF242189, AB024524, AF208850, AK025465, AF116682, AF162270, AK026464, AB052191, AK025339, X52128, AL117585, AB050431, AL122045, E01614, E13364, AF000145, AF207829, AB034701, U88966, AF271350, A21103, AF119337, AF113690, AK026533, E03348, AF090934, AB033881, AL162008, AK025391, E03349, AF130100, AB048975, AL122100, AF061795, AF151685, AK025708, S79832, AF030513, AL137294, X93495, AF022363, Z97214, AF116698, and AR020905.
HCEGR84	569	858644	1 - 753	15 - 767	AW204578, BF966371, AW300069, AI379847, AI097001, AI151002, AA912671, AW771594, AW028224, AA782451, AI185208, BF063419, AI038115, AI197987, AA854229, R50482, N22840, AA845504, AI023017, R96092, AA463741, H09091, AI051475, AI269281, T03489, AL162092, AA844252, AW027484, BF592798, AI025730, D51423, AV654329, AW978634, AW975605, AW959799, AW949657, D59859, AW949641, AW949633, AW978661, D51799, AV720151, D80253, AW966534,

AV720878, AV699447, AW958993, AW975613, C14389, AW966369, AW973490, AW962395, AV701839, AW956434, D80366, AW964488, AW960473, AW966059, AV719557, AW975618, AW959582, AW966053, AW964532, D80166, AW973474, AV699866, AW973334, AW973445, AV719324, AV718440, AV720028, D59619, AV718931, AV720731, D80210, AW960553, D80240, AV719872, AV718489, AV718692, AW973307, AW973447, AW949645, AV718938, AV718633, AW966378, AA305409, AV718707, AW973488, AW966386, AV720211, AW966368, AV720616, AW966331, D80164, AW966398, AW966397, AV722801, AV723927, AW959136, AW949656, D81030, AW949642, D59889, AW966029, BE047783, AW959202, AW966075, D51022, AW966065, AW966388, D57483, AW960465, AW966022, AW966399, AW966531, AW966041, D58283, D80212, AW973473, AW966333, D80188, AW966013, D59275, D80248, D80022, C14331, D80219, D80024, AW966330, D80195, AW966343, AW975621, AW978648, AW966385, D59467, AW965163, D80391, AW973541, AW966030, AV720791, AW966054, AV723097, AV720203, AW964756, AW966050, AV719188, D80043, D59787, D80227, AW966062, AV719783, D59502, AW959597, AW959628, AW965177, AW959570, AV719468, AV718800, AW965185, AW965197, AW965196, AW973485, AW965184, AW949632, AW965175, AW966400, AV718844, AV720464, AV718770, AW966332, AW973482, AW966380, D59610, AW958992, D80038, AV724520, AW959062, AW964477, AV699550, AW962082, AW964468, AW949654, AV699927, C14014, D80439, D51060, D81026, D80269, D50979, D80268, D80196, D80133, AV720533, D80522, D50995, AW959469, AW960454, AW966032, AW973330, AW956397, AW949629, AW949653, AW949631, AW949643, AA514186, AW949618, AW949655, D59927, D80251, C15076, AV700229, AA305578, AW949646, AW966043, D80193, AV718530, AW964737, AW962245, D80045, AW965158, AV700889, AW966389, D80247, AV720150, AW960532, AV721386, D80241, AW949658, AA514188, AW952839, AW966329, AW966377, AW360811, AV692290, D80378, AV718487, AW752082, AF181862, AJ276101, AF202640, AX015108, AX015106, AC004131, A62298, AR018138, AX033851, AR008278, A84916, A62300, AR087649, AX027925, AB028859, AJ132110, AR070327, AF058696, AX047063, AX047064, A82595, AR060385, AR008443, AX021518, AB002449, X67155, Y17188, A94995, D26022, Y12724, AX035434, A25909, AX028130, AX020191, A67220, D89785, A78862, D34614, AJ302649, AX020190, I50126, I50132, I50128, I50133, AR066488, AR016514, AX047062, D88547, AR060138, A45456, A26615, AR052274, AR077702, AR074139, Y09669, A43192, A43190, AR038669, X82626, AR066487, AR074136, AR092424, A30438, AR054175, I14842, D50010, AR025207, Y17187, AR008277, AR008281, A63261, AR066490, AR008408, AR091537, I18367, X64588, AR062872, A70867, AR093385, AR016691, AR016690, U46128, AF260572, D13509, A64136,					
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						A68321, AR060133, I79511, AR074545, AB012117, X68127, AX015396, U79457, AF123263, AJ287395, AR032065, and AR008382.
HMBL51	570	858727	1 - 1336	15 - 1350		AI097463, AW960794, BG059801, AI752173, AI752172, H19400, H26745, AW268864, AI122830, H51125, AI906421, H18956, AI906384, H26746, R34416, AI825621, Z18872, R12212, R48953, C04825, AW900894, H43180, AI168299, R39933, H43173, AW373873, AI624279, BE047737, BG249582, BG118829, BE048071, AD69862, BF527014, AI364788, AL040243, AW023590, AW087445, BG180034, BG164371, BF339322, BF812933, BF341801, BG120816, BF924882, BF970449, BE047852, BF338723, BE876033, AW827276, BF038131, BE868721, BE874133, AI537677, BF970768, AL045500, BF038469, AW150578, AI923509, BG031815, AA427700, BF344031, BG180608, BG179993, AI567940, BF726504, AW148716, BF032768, AW827289, BE047952, AW302988, AI439762, BE781369, BE963035, AL045266, AL043326, AL036361, AV682224, AW301505, AI564247, BG036846, BG110517, AW827150, BF792469, BG032208, AI275175, BG252040, BE622183, BE887488, BE904178, AI909642, BE877769, AW673679, AI433976, BG034373, BF795712, BE876539, BG257535, BF812960, AL079963, AI620284, AI538716, BE910373, AI538085, AW151138, AI569583, AI433157, BE018334, BG252929, AI815232, BF794994, AI539771, AI560099, AL134830, BG259944, AI445237, AI802542, AL121463, AL041150, AI500659, BG026428, BF814335, BF342371, AL039276, AI500523, BF812438, BG113299, AI500706, AW167410, AI491776, AW082113, AI815855, AW663332, AI648663, BF793308, BG251840, BE962978, AL043981, BF032868, BF339594, AI440239, AI687127, AV710882, AI590120, AL110402, BF883916, AW129659, AI539808, BF726297, BG112879, AL121270, AI801325, AV732936, AI580984, AI284517, AW071417, BF816042, AI499463, AI500662, AI648509, AI433037, BE047738, BF727092, AI633493, BF971016, BF726234, BF341210, AI439478, AI269205, AW059837, BE620444, AI475394, BF726322, BF793324, AI345551, BE886728, AV755484, AI064830, BE895585, AL049085, BG163618, AL042551, AI281779, BE875407, BE172767, BF751308, AW262565, AW132056, BG058398, BF344652, AW806761, BF812961, BE894455, AW163464, AI682841, AI513763, BF882334, AI702406, BF727091, BF885081, BG026194, AL119791, AI554427, BF726001, AI500039, AV682333, AW117882, BG035511, BG168185, AV758053, BE048135, AI921248, AI554245, BE048179, BE884130, AI801544, AI349598, AI514205, AI284509, AI273142, BE880016, BF526020, BE048081, BG113662, BF968205, AW104724, AW301409, BE785868, AI624206, BE964633, AI811344, AL119863, AW168650, BF822127, BG180605, AI637584, AW238730, BF982059, BE048105, BF792961, AI559296, BE048319, BF089711, AI680388, AI274508, AW170635, AW149869, AI890833, AI926790, AW026882, BE880182, AB032956, AF130082, X82434, AL137459,

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HFXJP30	571	858754	1 - 2537	15 - 2551	D79552
HCHMP94	572	858877	1 - 1199	15 - 1213	BF939994, BE620901, BG170181, BE620502, BE905496, BE005985, BE005990, AI674742, AU150515, AA195064, BE222944, AW071814, AU148556, BG251413.

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HOHBO69	573	858909	1 - 364	15 - 378		AW630180, BF132395, BE619018, A1752163, A1752218, N24399, AA853686, and AF170702.
HBJHY72	574	858921	1 - 915	15 - 929		BF222613, BF941410, AW273961, A1686347, AU151359, AU151569, AU150662, AV720613, AW377892, BG122948, AW272610, AU151393, BF223195, BG057268, A1942440, AW874425, A1949454, A1655342, AA156549, A1655418, A1651318, A1859622, A1859617, AA954124, A1916986, AA424182, A1652842, AA496259, AA424148, W88540, A1580494, AA074960, W89109, AA280900, AA618034, A1206332, AA974228, A1338824, AA074858, A1357321, A1076443, BE933553, BE091175, A1241952, A1989578, M78676, BF941418, A1766753, AA565427, T89641, AU128364, AW499904, AW499911, Z41191, BE708873, AW080116, A1350462, A1040388, R41201, AV647200, C05973, BE544316, AW978609, BE263591, A1816939, AA098874, A1653947, AA029119, AU119473, AA463387, AA522876, AA379162, AA098873, AK022906, AB037850, AL117434, and AK000668.
HWEAD78	575	858922	1 - 2346	15 - 2360		AU119473, BE072346, AU128364, AW499904, AW499911, BE161468, BE263591, BE544316, BF241478, AU129185, AV729276, H27254, AV725346, BE743904, AA379162, AL040387, AW992595, BE933004, BE939983, AB037850, and AK022906.
HPTBK06	576	858956	1 - 1199	15 - 1213		AL537184, AL523750, AL520348, AU122788, BE797283, BE887064, BE783716, AU131787, BE887275, BG249844, BF219702, BE889304, AW247014, AU135592, BF347062, BE280543, BG113772, BE314953, BF809145, AA308737, BE740470, A1907235, BE279259, AW839828, AA205849, W40565, BF846036, BE384335, T08947, BF846252, R59040, BE251083, BE245174, AA375700, A1803239, AU131982, AW390655, BG167322, AA361672, AA043617, BF986975, AW960746, T31957, N34599, AW971311, AA513608, AA524801, D52264, A1523368, BE933109, R30696, BE933105, AW866905, AB030656, AK023205, AL162070, and AF143957.
HE9RF77	577	858957	1 - 2234	15 - 2248		BG116787, BG030182, BG119659, AW956344, BG163645, BG253674, A1761804, BG033898, AW369665, AW389533, BE868389, BE151239, BE150853, AW995271, N33854, BG106803, BE150885, A1765925, T83665, BE090367, BE827584, R60133, A1306129, AA227714, AW962603, N35083, AA234587, BF999990, AA359612, BF804739, BE700926, BE700921, BE700888, BE700859, BE700889, BE830922.

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HCEBU61	578	859028	1 - 1017	15 - 1031		BF341491, AI767651, AI589623, AA400566, BF115657, AI818507, AI631748, AW966544, AI241021, W49494, AI360216, N36825, AI088457, AI687348, AI184624, AI080611, AI332650, AA400439, N51437, N46045, AI589863, F33824, AW612127, R84966, AI201265, BG256778, H26760, AA371890, AW294498, F01574, F01436, AI282573, C01894, BG032810, AW998037, AI383111, AA441812, AV709550, AA576476, AI292343, AI016405, AI393723, and AB002373.
HOHBV41	579	859036	1 - 779	15 - 793		BG023818, AW264567, AI955702, AW029356, AW190464, AI434815, BE223051, AI379631, AI312093, AA992746, AI418415, AW263423, AI417035, AI340286, AW517525, R78732, AA844303, AA621350, AW294515, AA055976, BF724716, AI690653, H53571, AI381263, AI823331, H68231, AA894634, H81302, AA486868, BF112143, BF350992, AF133270, AB017168, AF055585, AF074960, and AF144628.
HHFKC41	580	859165	1 - 1892	15 - 1906		AI522225, BG251695, BE615453, BE621274, BE778253, AA001374, AW958621, BF035632, BF334269, AW069590, BG165550, AV748885, AI087401, H04619, AA196770, AA584259, AI669634, AI147246, AW002729, AW089973, AA939329, AA019571, AA019711, H38587, AV723034, BE159453, BE621739, AA460365, AI470612, AA588221, AA311610, AA588216, AA019527, AA404411, H37760, AA460800, BF836835, AA196954, AA018852, H38831, AA019136, AA019135, H04596, AA404455, AW582732, AW293162, AC007282, and AC007279.
HMTWGG4 4	581	859189	1 - 1364	15 - 1378		BE747051, BE267452, BE735420, BF182723, AI052724, AW161870, BF575655, BF115433, BE256444, BF000503, AI913268, AW149537, AW300318, BF111120, BF592884, BE788800, BF970070, BE389782, BE388555, BF106224, AW301181, BF062431, BG248851, AA916783, BE389632, BF575694, AI697738, BE258720, BF438232, BF939467, BE253566, BE464972, AW058513, BF673668, AI768818, AI332904, AI492208, BF677792, BF678560, W63721, AI697607, AI147929, AI338973, AI082464, AI185715, AW014596, BF196789, AI800232, AI290995, AI343779, W26018, AI813458, BF676098, BF671648, AA988008, AI818434, AI027432, AI917221,

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HOEMM2 3	582	859190	1 - 758	15 - 772	AA295856.
HTXPN78	583	859200	1 - 1773	15 - 1787	BE791706, BE888802, AW513963, BF104898, BG104821, AA985515, BF509221, AW182937, BG261303, AA348358, AW079155, AW300190, H69933, AA348359, AW402120, AV754429, BF974717, BF380380, BF377380, BF377576, H69934, AW899237, AA226506, BF203862, BF203940, AI905559, AC007707, AX013775, and AC002037.
HFCR87	584	859201	1 - 1111	15 - 1125	BF951582, AW292146, BE219796, BE727496, AI986443, AI090829, AI628616, AW027274, AI268453, BG149995, AW299772, AA774673, AA236436, BE674268, AI240399, AW580591, BF035724, AI656303, W30801, AI209138, W67127, AA928985, AI342424, AA897588, AA011594, AI399911, N54506, H10777, BE219126, AI095670, W00624, AI681205, BE671383, R97990, BE670708, R06573, H64097, AW960926,

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HE8PR67	585	859233	1 - 2029	15 - 2043	BF979993, BE739707, AV702925, BG106294, BF979709, BF692048, BE875658, BG031577, AV969065, AV956307, BF238848, BF692490, BE877500, BG106556, BF698610, AA207196, AV753989, BE738926, AW021187, BF664882, BE958062, AA504569, AA449737, AA829922, AI539784, AW512129, A W337939, AI138369, N77204, AI017279, AW383910, N55014, AA897441, AA403320, AA504491, AW754093, AW779014, AI580029, AI420315, BF350751, BF664695, N51514, BE567997, BF445259, AA307575, BE243004, BF350753, BE241746, BF381782, AI362376, AL042903, AL042904, TI9234, Z30261, AW082350, BF691646, AV682713, D81181, AV694509, AA452416, AV683703, AV696706, AV687084, AW385610, AA322970, BE958022, BE153413, N53183, H00502, AA375872, BF240189, BE241573, AV697950, AA741120, H00455, AA813763, AA587893, AW836387, BE242796, BE247179, BE247629, AC005702, AC004686, and AF100745.
HD7DZ65	586	859250	1 - 2884	15 - 2898	AI983651, AI817037, BG249957, AI683067, AI659859, AI955784, BE880691, BG119746,

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HWABV63	587	859588	1 - 2195	15 - 2209	<p>AL530512, AL529983, BG260188, AW953134, BF967960, BG104525, BF665953, BF341687, BG168414, BE535530, AV715541, BF109210, AW243070, AV716267,</p>

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HOHAV17	588	859636	1 - 306	15 - 320	BE840138, BF817426, BE838164, AB007882, AF250226, AF250227, M94968, I29958, M96653, and M93422.
HNTAW95	589	859688	1 - 2064	15 - 2078	AL533275, AL518996, AL516727, AL515121, AL516013, AL519080, AL533414, AL533320, AL515122, AL535892, AL536767, AL516728, AL533915, BE793733, AL518997, AL519081, BG116860, BE740410, BG026322, BF979878, AL516014, BE256738, BE794527, BE314646, BE791233, BE739562, BE870505, BF689369, BE908996, BE898620, BE740904, BE253757, BE621666, BE742297, AA663402, BE273432, BG109392, BE271768, AW149681, BF690325, BF980275, BF968775, BE905181, BF982282, BE744445, BE905182, BG116858, BG035810, BF968775, BE878241, BF689256, BF206149, BF314320, BF312011, BE543547, AW411275, BG110294, BE276030, BG116802, AW411274, BE893138, AW812908, BG110488, BF205402, BE898724, BG105616, BE731840, BG115896, AW581998, BF981356, BF688449, BG026004, BG116702, BF237645, BE793880, BE904837, AL514413, BF032774, BF206119, BE262554, AA069771, AI984167, AW609222, BE336828, BE621057, BE299314, BF339826, BG164333, BF036991, W61039, AV710687, BE207665, BG254515, AW813044, BE794941, BE740140, BE315068, BG037134, AI811719, BF038894, BE741879, BE206818, AW239225, BF038117, BG168378, W93647, BE618763, AA033947, BG105303, BE901598, BG153417, AA310963, BE301933, AA205591, AA974657, BF334349, BE271907, BE669915, BE264445, W37967, AI859431, AW517122, AV710853, BF666953, AW248624, BE842720, BE796325, BE266280, AW517129, AW517130, AW473258, AW163744, BG254521, BE892331, AA843508, BF108670, AI690440, AI054937, BF380269, AI623711, AI742213, AA845593, BF377351, BE905456, AI683612, AI590981, AI096682, AA436801, BE741766, AA522778, AI004409, BG113350, AI862994, AA975649, BE842721, AW167963, AA479136, AA176155, AA193567, AI422233, AI580124, AI825927,

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HMCFL79	590	859704	1 - 1609	15 - 1623	BE546066, BG109406, BE379645, BF978193, BE892410, BE082642, BF672283, BF691685, AV725658, BE380072, BE299117, BF691026, BE958510, BE866753, BF103593, A1937467, BF439480, AW607429, BF590387, BF247893, BF590371, BF439193, BE645427, BF570784, BG118463, AV735234, A1768672, BE298301, BF918137, AV736490, AA306911, BF526727, BF805208, AV737302, BE349241, AA631255, A1379431, A1417918, AV651883, N32991, A1364114, A1805864, AV748959, AW172946, N24951, A1803532, A1373454, BF677779, AA417777, BE568440, BE644619, A1804016, BE677819, BF431881, AA454874, N66437, A1248190, AA236327, AA410332, AA194847, AV727230, A1080662, AA253340, AA455215, AW771164, N25572, A1493377, AA253341, AA041383, A1263832, AW363079, R48785, A1198504, A1285888, A1609725, N32983, N29642, W85944, N34173, A1476685, AV741272, AA453693,

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HNTCT36	591	859756	1 - 616	15 - 630	AW903227, BF110321, A1700529, A1914090, AA928868, AW903168, AU155259, BF695175, and AK023367.
HTPDM61	592	859769	1 - 473	15 - 487	A1522665, BF339746, AW249192, BE265921, BE393914, BE892643, BE266417, BE276850, BE513134, AA029165, BE298350, BE792880, BE298002, BF982749, W79853, BG178248, AA252556, AW900859, AA380921, BE781902, BE889319, AA337900, A1522664, AA029014, and BF808447.
HTFOH87	593	859792	1 - 1453	15 - 1467	A1536389, BE261837, A1870285, BF437544, BE855831, BE313954, A1740447, AA628521, A1807623, AW194323, AW974180, A1869959, AA682958, AW006075, BE221224, BE221133, AW592367, A1311383, A1266583, A1951168, AA531611, BF000785, BE466198, BF948898, AA573097, AA587614, A1924712, A1284261, BE552029, AW169523, BG056895, A1937762, AW973083, AA961235, BF509853, A1589865, A1343385, BG177232, A1199264, A1954243, A1657066, A1686031, AA588241, AA576988, AA935554, AW839717, AW606575, AW606572, AW606569, BE074402, AW867504, BE965204, AW606567, BF874349, BF930606, BE703814, BF926000, AW367074, AA662528, BF930728, AA737525, AW384424, BF802846, A1136802, A1035659, AB028954, and AJ23207.
HWBDQ3 2	594	859796	1 - 912	15 - 926	BG252190, AU125263, R67199, H06664, BF823722, AW962825, Z44258, BF573302, AA356182, BE778619, BF909319, AW246341, BE152140, AW604791, AA323879, BE799060, A1341565, BF432008, BE206890, AA977148, BF762398, AFI08459, AFI08460, AFI08461, and AK022652.
HCHMO53	595	859797	1 - 773	15 - 787	AV661850, BG169511, BF206995, BE787624, BE292793, AA149518, BE292947, BG167015, AW248322, BG248919, BG165453, BE788739, AW955265, W68799, BG165990, W80356, AW027341, W80631, AA807542, AW006772, AW006753,

HNHMC08	596	859848	1 - 1589	15 - 1603	AA405876, AI568522, BF436364, AA142865, AW014568, AI831235, BF032073, W68728, AA135477, AI077951, AI038765, BE351031, AI371106, AA634984, AI279024, AA927093, AI131300, BF526325, AI346693, AI818983, AI040435, AI862834, AI672933, AA847380, AW090192, AA725414, W49698, AI308968, AI342232, AA405750, AA719097, AI222540, AA135567, AW960497, AI038328, AA291233, W78749, AI342828, N94738, W17032, AA308326, AI088656, BF939427, AI032894, AI022131, W49697, AA806295, AI077792, AA878384, AA704008, AA973620, AA708319, N89773, AI355923, AA306672, AI093528, AA056216, AI271747, R92271, AI215791, BF055447, AA040439, AA724958, AA894581, AI014948, AW005009, AI146870, AI041232, AI220135, AI184832, AI216830, AA056217, AI682824, AI161403, AW371794, AA906636, T34735, AA301648, AA464688, AA610246, AA304676, AW009773, AA303948, AA380765, AA772960, AW189904, AI018514, AA534787, AW998332, AA613084, AW248085, W78953, AA303607, AW079652, AA996272, AA364075, AA046631, AA303545, AA356933, R91942, D25597, H90498, AA229336, AA700414, AA704184, AA428953, AA303514, AA642176, AA809653, AA932960, AA872832, AI963537, AI636251, AA284154, AA781331, AA992512, BF751365, AA040438, AA228480, C20802, BE168202, and AW376045.
	597	859875	1 - 2136	15 - 2150	AI532424, BE796156, BE903161, BG119647, BG115219, AV699322, BF002481, AW194103, BF038249, BE906258, BF182905, BE501114, AW518690, BE337490, BE547105, BE512805, BG115212, AW575036, BF448095, AV689102, BE465647, AA570483, BG117796, BF739874, BE889876, AW958913, BE887067, BE872403, AW611943, BE384518, BE622262, AV683442, AW571485, BG108121, AW247071, AL134627, BG117816, BE967159, BE740380, BE903834, AV705406, AV685709, BG057337, BE390982, AA532739, AI950034, BF770215, BE255357, AI831065, AI791597, BE793003, AW025209, BF027150, BF983938, AI733101, BG115901, AW072315, AW088486, AW250423, AW027992, AI872396, AI822039, AI978692, BF350738, AA526905, AV698580, AA004890, AI521711, AI859462, AI589001, AW062708, AI149487, BF362487, BE960754, AA932997, AI709015, AW269349, AW269185, AI140101, AA725306, AW002658, AA481316, AI554225, AV651040, AW516405, AA600310, AI352315, AA651838, AA134415, AI635661, BE789385, AI431710, AW661983, AW235534, BF801604, AI284946, AI753373, BG116918, AA705577, H20713, AW269158, AI983743, AA134414, AI248592, AI942429, AI873092, BE407231, AA913640, AI933816, AI633977, H15546, AE60370, C04532, AA004615, AW401864, AI262449, H38876, AW269279, AV689181, AV686947, AV691088, AV695596, AV698710, AV690337, AW134805, AV684746, AV684712, BE709891, AW732631, BF591225, AV737229, AI685722, BE719073, AW517538, AA384219,

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HE9QX59	598	859884	1 - 1481	15 - 1495	<p> AL514538, AL514537, BF973179, A1817229, A1719701, BE886848, AA861817, BE540864, A1857532, BF685664, AW953035, A18138568, BE541809, BF882981, AW170236, BE259078, BF116039, AA628530, BE731736, AL519005, BF058771, BE279433, BG236321, A1798088, AW276128, AA706544, A1690592, BE729327, A1936242, AW592540, BE300820, AU145726, BF725260, AL519004, BF058688, AW955634, A1288590, AU160340, AA609185, AA456446, A1288876, AA970744, AA476974, BE536381, A1269892, AU144344, A1280579, AA683364, A1269921, AW589468, AW183024, A1040325, A1369398, A1351847, AU143208, AA758680, AA037108, BF112266, AU974377, AA758854, AA846734, A1814293, A1827548, A1453628, AA463523, R08676, AA147166, AA161014, A1193078, AA160382, A1201408, W16606, AA477089, BF111557, N90320, AL042894, BF360688, AW194229, A1740486, A1457573, AA371940, A1233040, AA973339, N79569, AA341176, W19442, H54815, A1950731, T30595, AA454554, AA477508, R53741, BG005749, AA884950, AW393957, AA845365, AW370725, A1866999, T84668, AW370708, AA846211, AA714469, AW369715, H00344, AA216600, R27147, BF929692, AA429209, A1128440, AA329092, BE563792, A1351335, AA528113, BE958302, A1126212, H03105, BF377228, AA463488, A1167833, M85773, A1200155, R16578, AA295749, R16639, A1565210, AU143358, BE389527, BE281130, BF111975, AW263392, A1565222, AU136484, AU119365, AU117537, BF762325, R34221, AW962615, BF762284, A1886201, R34337, AA653519, H99435, AW006535, R08584, AA770337, AA382340, AA368753, A1729833, BF998521, BF985475, BF686840, H54868, BF945926, A1250874, AA343278, A1223232, AA904652, BF752789, AA904391, BE389444, BF925539, AA405515, AA161013, BF994235, BF994186, BF350866, A1873197, AA789193, BE729299, T54560, AV659190, A137749, AF220530, AK021526, AK001325, AF207640, AF251265, AF220259, AF220255, AF220258, AF220253, AF220256, AF220254, and AF220257. </p>
HNFBU66	599	859891	1 - 1422	15 - 1436	AA670314, and A1526181.
HLDQW16	600	859895	1 - 1201	15 - 1215	AW968490, AV648655, AV719386, AV720529, AV720417, AW378442, AV691210,

A W378450, A W341649, N63582, A1417183, A1376604, A1817536, A1554261, A W172741, BE221352, A W151796, A1311322, A V654698, A1419377, A A781933, C75553, A1564742, A W629665, A A487091, A1697365, A W615283, A A837196, A W801663, A A458946, A1265792, A W801507, A A748540, A V648814, A V648798, A A576089, A1880593, BE878191, A A48646, A1359101, A1043146, A A459589, BE465219, A W191981, A W889679, A A169302, A A459364, A W801492, BE328813, A W959894, A A312946, A A171664, A1347680, A A811486, A1079927, C05862, A A618495, A1360716, A A649087, B F435611, A V699558, A W135311, A1146600, Z21901, T19436, A A448742, A1540742, A A514684, A W088944, A A312953, A1355849, A1277008, A1514397, A V755459, A1514871, A1514093, A1635634, A1514085, A W088903, A A857847, A1269580, A1368579, A1932949, A1863321, B F970652, A1515191, A1513779, A1514691, A1637584, A1514793, A1434969, A1357599, A1241901, A W129230, A A488429, A1514627, A1925404, A1513999, A1537273, A W080290, A1872154, A1514473, B F033757, A1473451, A W055252, B E966577, A1620056, A1514823, A1282355, A1513817, A1247005, A1036187, A1513713, A1514155, A1514497, A1515413, A1513755, A W087901, A1950729, A1514511, A W105459, A1863382, A1446511, A A908294, B F814357, A1514357, A1513907, A W262491, A1514409, A1689463, A1701097, A1591420, B E966547, A A808175, A1514791, A W263569, A W118496, A1798351, A W090550, A1513693, A1515321, A1953765, B E966443, A1513553, A1539153, A W085786, W38553, A A916133, A1688854, A1513979, A1040011, A1514721, A W075484, A1515195, A1514015, A1702073, A1096771, A1927755, B F909758, A1513631, A1514457, A1590021, A1514455, A1538564, A1683173, A1513977, A1623941, A1362537, A W169462, A1636719, A1784214, A W161156, A1690946, A1635851, A1863466, A191775, A1891102, A1514087, A1359787, A1513783, A W169132, A1514919, B F126355, A1537303, A A449768, A1590227, A1513913, A1866624, B G250746, A1565172, A1513597, A W243886, A W089439, A1514359, B F724683, B E890427, A1339115, A1628711, B F752997, A1371984, B G179099, A1514493, A1569975, A1539578, A1640873, A A814782, A W198090, B F766531, A1862139, B G108244, B G109857, A1514867, B E888257, A W167777, A1250627, A W827285, A1515235, A W236466, A1514415, A1583558, B E965111, A1514657, A1038529, B E544111, A1513723, A W189332, A W090086, A W128841, A W192652, A W073996, A1890838, A1514063, A1514407, B G109998, A1458237, B E966927, A1824648, A W075613, B E965014, A1680226, A W082033, A W131294, A1513991, A1687127, A1513865, A1630928, A W073677, A W102785, A1683475, A1133074, A K025792, A X035208, A131776, E02221, A B052191, A1389935, A1080060, X80340, A F130066, A K026452, I32738, A K024588, A F017152, U87620, A F119875, A K025119, A K027204, A F14170, A F050510, A K026626, X86693, Y13350

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HTLGS48	601	859918	1 - 1550	15 - 1564	<p>AL538031, BFS26296, BE905499, BF975915, BG171024, BF975640, BG166390, BG105861, AW027692, BE906058, BE868887, A1066792, A1674075, W73135, A1126174, W73115, A1918136, AA806473, AA687840, AA651704, A1080064, A1131085, BG122007, AA652620, AF198216, AA938305, A1673640, W76098, W93683, R51338, AA814727, BF437388, W72893, AW874617, R01699, F08949, T19610, BG055686, BF435545, T30370, AW304419, F11288, R59377, R13096, BF941749, AW474081, AA670391, F11866, AW016848, AA809829, F09511, R19220, AA351891, BF804668, BE839292, AW958005, T19611, A1380671, BE839293, BE703233, R59435, BE693695, BE703274,</p>

					BE769891, BE703492, BG166271, AA358209, BF217305, R40528, AV701813, and AB028173.
HNHDY54	602	859973	1 - 581	15 - 595	AL532144, BE410198, BE739589, BF688595, BF340680, BE895261, BG106482, BF688986, BF000082, BF204415, BE792338, AW370556, BE905733, BG164347, BE910617, AU134636, BG165967, AW026312, BE789287, BE273796, BE739343, AW956434, BF924505, AW298245, AA923304, BF924340, BF214675, BF725735, BE273078, AA452936, AI954739, AI660828, BF879439, BF209436, AA058760, BF919249, AA039704, BF218803, AI493723, AA641666, AA502611, AI540196, AI436565, AI817852, AW370493, AW058671, BG106316, AW304317, AI128059, AI831204, AW068407, AA446627, AI189995, AI831213, AA740469, AI041255, W65295, AI026922, AA443840, BE271871, AA831862, AI952042, AI669862, BE856167, BE961207, AI206467, AI244961, AI356276, AI376919, AI475488, AU155552, BF925739, BF446119, BF931287, AI015178, BF343980, AI301359, AI707965, AA721617, T17379, AA452800, AA312359, BF001302, AI146728, R21538, AA03685, BF592004, R86654, AA551944, BF926640, AA281320, R86831, AW440523, T90016, N89584, AI198746, T90113, N59584, AA053240, N41034, AI431987, AA340053, AI056728, AI658607, AI867342, BE938514, T82842, AI090164, AA984822, AW996480, AW067939, AA918334, AA706016, C02143, AA947728, AI612974, F10063, AA026963, BF869132, W65393, AI694016, AA054963, AI091083, T82937, AI932841, BF868875, BF223553, AA039703, AA837231, N89995, W16890, W22072, AW849327, AI110828, BG036614, AW152000, AK001812, AJ242910, AJ242909, AJ242911, AC007881, I76211, AF169202, AF218033, U75370, I08319, AB049852, X58257, X02750, AK026544, AL137561, AC005284, AB041801, J00983, AK025541, U96074, U51124, AF016628, AC009286, and AF241734.
HWLEL47	604	860167	1 - 607	15 - 621	AL139350, and AL121781.
HNGJG75	605	860381	1 - 1020	15 - 1034	AL525892, BG168263, BG024910, BG252569, BG116842, BE548363, BG111172, BF342806, BE873077, BF796412, AL047081, BE789986, BE895653, BF666232, BF038167, BE901533, BF694320, BE565807, BE958018, AA306766, AW247734, BF126617, BF028981, BF677714, BF697113, BF694321, BG250559, AW578577, BF694106, BG164398, BE745350, BE866413, AI207533, AW247663, BE395875, AW327322, AA312716, BG120984, BF242965, AA448791, BF825824, BE903785, BE614007, AA102314, AA085594, AW959471, AW195768, N77750, BE563987, BE266889, AA663722, BE176308, BF940756, AA302924, AL043489, W22308, BF930779, AW195779, BE091077, BF920976, BE176316, BG255456, N88476, AA083268, AA297926, AW579209, AW959155, BF245164, BE891471, N45249, W93292,
HKAJU40	606	860461	1 - 803	15 - 817	

					AA361895, AV661756, AW795436, AW162171, AW195783, D45268, AW131662, AV743272, BF345629, AW364862, C20604, BF345498, BF345625, AI824162, C15962, BF345497, AA297481, AA706803, BF572375, D61558, BE774649, BF345699, AW795455, BG256383, BF345691, W92073, BE169496, BE169778, AW513782, AW193502, AJ828497, AA858097, BE169443, BE169499, BE175566, BE175575, AA574144, W79341, AW073964, R32988, BE175500, AW327526, AI860786, AI582783, AI906960, AI360138, AW795457, W56837, AF176008, AF085361, AB042815, AF176009, and M61937.
HYABL83	607	860565	1 - 1735	15 - 1749	BE713343, BE713372, BE883801, BE713345, BE713359, BE397530, BE713362, AI767336, AI767347, BE713351, BE713361, BE713368, AA827135, AW965741, AA235135, BF948857, T56519, AW080491, AA429313, AI651687, AI970359, AA700540, BE269627, BE154189, BF511427, AW382882, BE154324, T07689, R71531, BE154254, AW382883, BE706806, AW382878, AI457154, T08799, AW382906, AI074248, T07847, AA367765, AA310553, AI962121, AA234828, R72990, AW842083, R17265, AI934128, R73600, AA890391, R71481, R36263, T56470, BE146311, AW382921, BE706097, R36264, BF923395, AW082392, C02924, BF923380, AW994547, AA113443, R84816, BF799684, AW994544, H16138, H26925, T20200, AW965751, AA004985, H72436, H53973, AW269219, and BE938571.
HKADF82	608	860617	1 - 798	15 - 812	AI526910, BE744744, BE731087, BG1633270, BE897309, BE261655, BE541795, BE788891, AV753197, AI908497, BE140267, AI908495, AA884619, AW806502, BF374293, T10439, BF244108, BF700570, BF696636, BE388395, Z44955, H06611, AK026904, and AX011642.
HNGEK43	609	860646	1 - 659	15 - 673	BE747585, AW976171, BE898748, AV745344, BE741004, BE878725, AA427627, BG258661, BE560683, AW959187, AI937301, BE245403, AA868377, AW516875, AI828651, AW170518, AI217153, AI743424, AI363389, AI673073, AI366674, AW001889, AV745623, AA922149, AW084488, AI275905, AI744705, AI685377, BF196332, AI384044, AI339568, AA811193, AI739227, AA461505, AI923644, AI056371, H20137, AI797976, AI800824, AI472127, BF445946, AW130634, AI970737, BF059008, AI659951, AI632980, AA741261, AI142039, AA52337, H39189, AI739226, AW206054, AI445211, AA813881, H45408, AI392978, AA825932, AA968938, W02514, AI394459, N98700, AI269770, AI214924, AI364323, AA969916, AI378436, N66099, M62040, AA708841, N77979, AW089002, BF879827, AI248327, AW137018, AI201319, R68081, N74564, AA693839, AA460579, AI356177, H46909, AW615186, AW023399, T34433, AI247905, AA714852, AI934509, H70607, N58389, H66226, BF763404, R68118, AA906882, T80644, AI218643, BF739982, AA677948, N80438, AI264237, R53500, BF877861, AW389409, AI000835, AW207229, AI243765, AA835650, BG261241,
HTAIS93	610	860849	1 - 2187	15 - 2201	

HE9PI48	611	861223	1 - 2782	15 - 2796	<p>BF904778, AW151974, and AK025886.</p> <p>BE561224, BE748770, BE799836, BE781793, BG260953, BF795165, BE736001, AU135779, BE908447, BF207190, BF306911, BE746281, BF303777, BF038783, BF313302, BE892326, BG257144, AU140031, BG250622, BF206248, BE394264, BE268099, BE748461, BG250629, BF530381, BE393019, BE784409, BE617189, BE744127, BE269386, BE868316, BE397085, BE271847, BG036325, BF182918, BG253106, BE262724, BF984080, BE513571, BF308427, W81694, BF791489, BE789288, BE269621, BE871321, BF527751, BF219942, BE397777, AW410125, BE746290, BE464784, BE392193, AA314814, W81695, BF341140, BE617993, AI628536, BF939068, BF589431, AA868185, AA868483, BF841520, AA699561, BE669864, BF838993, AA309433, AA909193, BF310227, AA868274, AW956468, BE208549, AI697632, AW771433, BF315662, AA496104, AI692693, BE399155, AI092158, AU117067, D57936, BF316480, AI688593, AW410126, AI188397, AW150851, AA626397, AA568888, AI813424, AA005092, AI640324, AI309959, AI023783, AI140398, AI095450, AW661738, AI624290, AI248235, AA722417, AA286868, AW057822, BE046374, AI356084, AI417370, W56479, AA826110, W01304, AI702987, AA039308, AA100004, BF327483, AA916678, T03518, AI985697, AA807081, AA976850, BE261528, BE271934, AI625349, AI367402, AI142964, AW250070, BF993017, AA349376, AA805474, AU156279, AI494346, AA581027, AI278313, AA351768, AL135370, AI188395, AA837455, AA293616, AI206231, AA909390, AI807229, AW801639, T80295, BF852346, AI367421, H28984, AI884886, AW801783, AI283305, AW190232, F02684, AA373612, AW296498, F06394, AW130126, AA976849, R98902, AA370738, T91458, AW732260, AA580961, AA359229, AW242094, BF378704, AA906487, BE826088, F02664, AA379588, F02665, BE514157, F06376, AI198456, AI090744, BE837123, H67769, AA642851, AA379444, AI220040, BE837234, BE909757, BE826091, T91367, AA223465, BF992994, BE837394, F06375, T92153, BE397383, AA303694, AW051873, AI214855, AW806479, AW806487, BE856618, AW806679, BE348880, AI909784, AI559980, RI7894, BE140291, BF743676, AW818297, BE044367, AA223644, BF743142, AA689538, AI024504, AA374168, AA214689, AW169983, BF056276, R43140, AA377775, BE677852, AW750972, T16600, D57303, H29089, AI686974, BE140391, AV736288, AV736267, AW751048, AI373533, BE833472, AA352907, AI802358, AW751040, F05152, AI392785, AW751043, BF309534, BE140106, AA730600, BE961938, BE140243, AI905177, AI472424, F00871, BE397091, R57538, AA773382, T93580, BF183790, BE140356, BE742557, AW751046, BE936628, AW893579, AA496103, C03919, BF220021, BF759532, AI940333, D14694, AF042731, and D10234.</p>
HPRC95	612	861227	1 - 1114	15 - 1128	<p>AI745624, AA469990, AW956151, AA412063, AA418818, BE645499, AA412263, N94496, AI360797, T15410, AI266500, HI9051, BE855516, AW392398, AI085869,</p>

						AI269499, BF221746, F06527, R74356, BG121222, Z39475, R74355, R62954, HI9341, AA989436, AI868725, R15818, AW205608, T32723, AA371207, BE160822, AV658297, W23946, AI273078, AW513602, AI920908, AA368274, BE160927, BE160917, BF104911, AI206019, AC008821, AC008924, and T66444.
HDPUM54	613	861242	1 - 481	15 - 495		BG009438, D25538, AC007597, and U12919.
HHFLL92	614	861294	1 - 2638	15 - 2652		BG167313, BE900315, AL039400, BE884344, BG249782, AV753572, BF308572, AI871719, BF058945, BF339648, N36098, BF061439, BE439990, AA662205, AI140127, AI457676, AI811001, N24770, AW298622, AI432423, AI885705, AI333169, AA563808, AI139522, AA129404, AA864279, AI192746, AW118992, AA939209, AA668916, AI564757, C75552, AA847888, AA662165, AI696929, AW606651, AI814553, AA204900, BE746388, AW961767, AI057234, AI814745, C75086, BG169516, AA490113, AW028941, AA897467, AA574248, AW407202, AA171602, AA602132, AI921109, BF336840, AI632792, AA121160, AW815421, AW511846, AI049727, AA122378, AI567567, C75461, AI221449, N93237, W25094, R63270, AW293990, AL039399, AI240631, H83038, BE383532, AW961429, BE669771, AW294261, W57576, BF761772, N80146, AA131639, AA441953, H27740, BF921799, AA359095, AA378415, AW794926, AA382847, AI700223, BF743361, AA328820, AA923716, AI432486, AA342845, AI187829, AA339884, T10609, C00558, N44101, AI340252, AI335635, BE241876, AA204851, AW590717, AA789162, AI217908, AA347918, AA709295, BG014393, BE729337, AA862673, R34037, AA830387, AW962476, BF086375, AI828118, W03673, R63222, T10371, C17620, AI361169, AA171502, AA603411, AA347917, W72108, R33496, AI868913, AA131721, N58100, H95738, AV737030, AA382846, BE925376, T18550, N87322, R45910, H82819, AI027852, BF856921, BE766858, BE241628, BE218663, BF989825, AK026076, and AL137588.
HMCHK65	615	861307	1 - 622	15 - 636		AU138426, BE777959, N57268, BF086933, BF086946, BE093384, AA456756, AA172291, AI375670, and AK002100.
HAIDK89	616	861328	1 - 2312	15 - 2326		BG252095, BF794285, AW965312, AW977747, AI126305, AA443175, BF195835, BE246211, AI338421, BE907520, BE244122, AI044740, AA679079, AI913238, AI333023, AA972520, AA838427, AW605328, AI307325, BF222431, AA463484, AI805628, AW630931, AA828370, AW078809, R43305, AI25223, AW006036, AA587907, AA922459, AA707365, BF923727, Z45320, Z45577, AA332396, AI205049, AI928687, R82447, R82448, Z41035, H81876, T96841, AA362022, F04432, BF878445, Z44629, AI740575, AA937210, C01328, T96842, BF763516, F03673, T19711, H81899, H81875, AW081213, H81900, AI658899, AI863622, BF939300, T19712, BF923780, BF804036, BF894323, BF763515, R47213, BF911270, AI623302, AI431307, AI431316, AW972093, AI431337, AI431235, AI791349, AW968355, AW968356, AI432644, AW968729, AI432643, AI432651, AI431330, AW971740, BE672745, AI432647,

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HTOHL88	617	861361	1 - 1463	15 - 1477	BF111995, BF111899, AW051348, AI807015, AA349378, AA349433, H05458, F02812, T50073, T39468, T39511, Z43427, T50009, AI372659, BE843943, BE843903, BG015163, BE938621, AA860404, BE843892, BE698483, BF092079, AI372657, BE301746, BG015653, AA496848, R89202, AF169301, AX040922, AX040934, AX040924, AX040928, AX040936, AX040940, AX040930, AX040942, AX040926, AX040938, AX040932, and AX040944.
HMEKU54	618	861611	1 - 702	15 - 716	BE743073, AV721074, BE744621, BG177628, BE315199, BE731132, AA044813, BF964898, AV724264, AW958685, AA293644, BE394890, AI141037, AW964442, AW054852, BE903034, AI693593, BF975326, BF975857, BF975327, BF974460, BE409839, N48184, BF115585, BE672854, BE407753, BE042539, AW513188, AA551870, AI309256, AW008397, AI816062, AI885030, BF223532, AW0077352, W39069, AI879497, AI660034, BG178962, AA642443, AI878998, AA283774, AI572009, AI199482, AI815979, BE173475, AA513683, BE173419, BE702293, AI202821, AI768808, AA025347, H01948, BE906559, AW769817, H71578, AI220856, H13523, AA291596, AA044838, AA290879, AI885158, AW007082, AA923113, H89912, AA935928, AA593956, BE072983, H84051, AA570459, AA318740, N53331, AI197973, AI908082, AI640612, AI245242, W32234, R34586, AA312590, AI611579, AA025355, AW512766, W32199, AI586956, BE703159, N89813, AA934930, N75572, AU144164, AA502925, N50180, T98429, AI810695, AI215873, AA987745, H04498, BE006750, BE006747, R34585, BF968659, BF431132, N56327, AW022203, AA252664, AW955053, AA322938, AA406368, AU117281, AW404162, D62795, AF041429, AK021489, and AL022069.
HOQBR51	619	861620	1 - 1094	15 - 1108	BE904302, BF568253, AA452165, AA426015, AW952776, AW805228, AI288193, AA084096, BG055477, AA682907, AW960624, AA398343, AA947931, AI197950, BF510821, BG056413, BE179883, AW089706, AA452397, AI420512, AA293851, AI694330, AI968970, H49529, AW372112, AI368631, AA428101, AA740545, AW089957, W90083, BF591892, AI347092, BE394895, H49767, AI016563, AW893221, BE075371, W90209, AA205212, BF591840, AA338815, BF437055, AA335913, AA338814, TI9311, AA031975, AI272681, AA031974, AA205167, AW893301, AV703152, AW953924, AW960227, AV702681, AV708320, AW963866, AW958104,

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HAMGP34	620	861668	1 - 2624	15 - 2638	<p>BG261130, BG121213, BF347966, BF796462, R17115, BB899286, AII23525, A1697325, AW575256, AW402585, AA032055, BF724098, AW402594, AA031919, AW402872, AW026287, W89010, A1341715, A1926967, W95778, BE783654, BF887406, A1078627, AE376419, AW089489, BF381332, AA740604, BF507805, BF888120, A1015866, BF744292, A1963299, BF907549, AA954836, BF888127, AA233002, BF907541, AA768759, A1669291, BF888128, AA232951, A1768850, BF744299, AW090314, A1571824, AA480645, BF888074, NS3675, AA886377, BF888119, N73038, BF799491,</p>

					AA535561, AI217778, N51612, N53906, BF381336, BG251027, AW001670, AI864506, BF744934, W95735, BE819619, AI674508, BF381311, AA016130, AA743705, AA917873, AI241168, AA649797, BF887394, AA631017, AI480218, BF907590, AW302053, BE139664, H86222, Z39059, AA954334, AA456896, AI244571, AA015836, AA485019, AI806785, AA715038, AA827439, BF745018, AW271993, AA954612, AC083866, and AK000208.
HHELG22	621	861683	1 - 1379	15 - 1393	AL515768, AL515769, AL514640, AL514639, AL519556, AL519557, BF967595, BF341094, BF791789, BG109630, AV728675, AL519901, AL519900, BG122004, BE736572, BF307579, BE779163, AV746319, BG107882, AV714586, W44679, AV752184, BE894935, AW968505, AI890560, BG163396, BE891391, AA099273, BG031520, BE895633, BF735925, BF726338, AA878212, BE542157, AA732222, AV713978, BF921086, BE763324, AW575099, AW575100, BF965804, BF967512, AV752080, AI740578, BF732808, AW150933, AW276564, AA926775, AA044713, AW954811, AA454649, AA456262, BF203162, AA813289, BF210990, BF575453, BF808054, AA916010, BF940195, AI419983, BE541856, AA165256, AI928819, AI745053, AA187083, AA143151, W93810, AW469220, BF766017, AI738911, AW440214, N35185, AI078212, AI929089, BF224030, AI761914, BE163923, AI693625, AA932898, BE672485, AW271592, AI148178, AI394261, BE763355, AW006011, AI056934, AI095473, AA480903, AW172367, AA099321, AW166446, AA679256, AA151528, AA524497, AW401929, AV723979, AA609394, AI589306, AA936450, BG111109, AA150234, HZ9463, AI339779, BF928362, AW965434, AA860734, AA045037, AI125169, BF816513, N75627, AI962015, AI283124, R60626, W93921, AA232412, AW022061, AV731141, AV707127, AA424453, AA598407, AA181330, BF675970, AI123977, AA558445, AI278557, AW262834, W44680, AA706261, AA909819, BF095999, AA854946, BE940752, AA152292, AA493826, AI633473, AW614151, AA045036, AA885111, AA480965, AW873084, AW663737, AI220625, AW511995, AA142975, AA131268, AI420791, AI351559, AI539546, BE827423, AI039077, R69711, BF677981, BE676828, BF109079, R60573, AI091994, AV746110, AV753918, R60615, AW401927, AI809414, AV728150, AW001015, BE175156, AW511876, R50906, AA011658, AA939113, BE172078, AA282098, BE221361, D20566, H09532, AW001802, BF242055, N22387, H99061, AA446423, AW105368, AW021290, AA837337, AA918671, AI492760, R09389, R43281, BG152427, AA558589, AI766977, AA814917, AA805117, AA492542, AI369989, AA731128, AA151608, AA782945, R60559, AA854134, N51623, R55346, AA099856, W32425, R01681, AA494474, N88951, AW403780, AA927109, AA307931, AA843253, AW880292, AA902532, AW674571, HZ9464, BE180364, AI580882, AA932617, R69619, AA098894, BE073178, AA988282, Z25933, N53918, AA332589, T03883, BE825215, AW889212, AI192032, T93602,

HDPTD75	622	861707	1 - 1764	15 - 1778	AA933936, T93646, A1371024, A1940158, A1613518, AW631074, AW804820, AW362250, AA917023, R81357, R25995, A1628325, BF032355, A1538615, A1589428, A1687568, AK000462, AK024302, X99971, AF059611, AK027160, A65340, AL133084, AL133559, AK026408, AF132730, AL355701, AF131773, A65341, AF113019, AF217973, AK000250, AK026155, A31001, AL050138, AL161802, L04859, AK000027, Y11587, AL110221, AL133619, AL080159, AK026684, AL359941, AB041801, AF061981, AL050366, AX011612, U92068, AF225419, A41579, AF119865, AF113222, AC008243, AR094160, X97332, AF204760, AF183393, U73682, AL080148, AL389982, AK026182, AL133653, M76612, AF067790, AF267739, X99270, AK000484, E01314, AL137574, AF022152, AL049761, U89906, AB028451, AF155148, and AK027161. BF526777, AU135741, BG167203, AU128904, AW006887, AA917667, AW959212, BG165640, A1823982, A1817412, A1096744, BF813121, N20594, AA486563, A1283813, AA486661, BF727039, AA040017, AA535449, N26872, N28990, AW015508, AV656080, N24306, F29139, AW504127, F37068, AA634817, AA595340, AW802992, AU156247, H65527, AA057074, F26541, AA760741, T96318, AA609581, AW016529, AA359399, AA580145, H65329, BF686563, AW148479, T93478, A1569865, AA948624, A1678948, AA056928, BE711537, BF989599, AA424016, A1954356, AA010653, AW629350, A1612865, AA973778, AW276616, AW275190, A1350811, AW439574, AA876151, AA911289, A1218492, A1077876, AW675663, W93593, A1244408, AW193200, AE02550, AA226255, A1241127, A1816714, A1206461, C02093, AA954030, A1277607, AA709434, AA813934, AW440434, N53061, A1354477, A1187313, AW074284, AA872499, AW410741, A1202853, BF335325, A1265804, AA906037, A1241581, AW074122, AA134769, BF692695, BF573377, AA873196, BE300852, A1004585, A1813620, AW504945, AA972976, BF900118, BE513950, A1526811, AA641954, AA037624, A1522907, AW949869, AV707151, AW950765, AW964393, AW960458, AW951280, AW963752, AW953763, AV702149, AW952868, AW952444, AW961593, AW956289, AV705115, AW952007, AV702164, AW952192, AV705891, AV705909, AW958620, AV701711, AV656271, AV702558, AV728700, AW963026, AW954372, AV709886, AV729219, AV706446, AW964435, AW958916, AV706292, AV704980, AV706539, AW949729, AV705869, AW952407, AW957105, AV702109, AW952050, AW956632, AW963713, AV705524, AV707654, AV689804, AV727170, AW956059, AV652792, AV645936, AV726156, AV702716, AV726194, AW952048, AV704833, AV725260, AW952329, AV727459, AW953689, AV725582, AW958105, AW952497, AV724996, AW958756, AW958763, AW955161, AW966314, AW952223, AW964985, AW957090, AW962003, AW950866, AV725645, AW963079, AV704626, AV703306, AW951743, AW963685, AW962508, AW949521, AW965552, AV704785, AW958118, AV726010, AV706906, AW955696, AV708069, AW958280, AV727314, AV658770,
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HTLIC39	623	861985	1 - 1162	15 - 1176	<p>BE743928, BE901784, BF527770, BF972990, BE792390, AW081174, BF314507, AI831048, AW166247, AA773631, AA648918, AA923302, AA470901, AA535051, BE675162, AA428315, AW404462, BF589314, BF058262, BF955274, AI933035, W96411, W96412, AI950956, BF195422, BE929123, AW014426, AA429382, BE720431, AI341065, T97242, D20146, AA220236, T97243, BF038263, AA897633, BE734767, AW168514, AA910288, BE092731, AA872430, AI243751, AI272807, AI499683, BE871404, BE004082, BF871406, BE092761, Y13835, AF121951, AJ251644, and AJ251645.</p>
HNECT74	624	862042	1 - 969	15 - 983	<p>AL536470, BE003559, BG255346, BE906476, BE327116, AI160211, AI401803, AI093195, AA909044, BE739863, AW139425, AI359322, AA947175, BE139159, AI040725, AI590899, AI199332, AA640032, AI343963, AA938008, BE138596, AA046040, BG230657, H98981, AA489354, BE247164, BE612820, AA938468, T93895, BE745554, AA374641, AA584427, AW970771, BF807866, AI446654, R69484, BE049049, AI916674, AI921343, BF853218, AA075868, AV730097, AV730383, AV731010, AA099236, AV732734, AA582143, AW605255, BE138956, BF000315, BF905448, BF754225, T93945, AA953018, BE151495, AI348711, BF791792, BF339923, BE620487, AW235415, AI203124, AA780963, AA894708, AI972749, R44116, AV715310, BF858888, AW901478, BE743888, BF829667, BF725761, BE439761, BF928492, AI870197, AA532419, AA634837, BF873332, AW841930, AI753488, BF310123, BE968744, AV739833, AC008753, AK024449, AC020917, AC011490, AC005881, AC006211, AC004963, AL050335, AC078899, AC004647, AC008687, AL136137, AC007151, AC003973, AC005736, AL357519, AL121653, AC010198, AC004914, AL035704, AC004799, AL159168, AL022318, AC004089, AL078604, Z84486, U82668, AL033527, Z98884, AC011514, AC008033, AC007510, AC004847, AL021918, AC015651, AC002477, AP001695, AC018758, AC018644, AL023575, AL109654, AL136526, AC009756, AC005015, U95742, Z82244, AC006511, AP000348, AL022476, AL139396, Z82178, AC004656, AC007216, AC008569, AF131215,</p>

					AC005288, AC073184, AC005940, AL355337, AC005060, AC004929, X77738, J03071, AL160175, AL442166, U89335, AL162293, AC018662, AL163284, AL136179, AC002487, AB023049, AC005566, AL020995, AC020955, AF314058, AC004953, AC004125, AC007344, AC011479, AC004051, AL049780, AP000030, AB001523, AC007536, AL031984, AP001711, AC008080, AC005620, AC020904, Z98946, AL031775, AC005000, AC005011, AP000338, AC011464, AL096791, AL138743, AJ003147, AC020552, AC004263, AL133517, AC005520, AC005082, AL080243, AP001688, AC004703, AL160412, AL137100, AC008543, AC005207, AP000688, AL450224, AL022163, AC005783, AC004965, AC005829, AL161731, AC012067, AP000216, AC002347, AC004971, AC006530, AC016995, AC009362, AC026122, Z99570, AC005071, AL034343, AC005488, AC005993, AP001610, AC008745, AL158141, AF195953, AC010412, Z93016, AL138733, AL133448, AC018755, AL031311, U91321, AL160231, AC002350, AC004033, AP001753, AL034549, AL021397, AF190465, AC006452, AC007389, AL137224, AL121891, AC022150, AC008760, AC004887, AC011450, AC011451, AL136087, AL137039, AC005740, AC003049, AC007461, AL009172, AC006538, AF111168, Z85987, and AC011497.
HCRNU23	625	862179	1 - 2324	15 - 2338	BG028883, AW968598, AL356895, AL658664, BF514897, AL478203, AW611783, BE217946, AT795923, AL668807, BF196102, AW967773, BF436879, AA768899, AA847849, AI139330, BE220879, AW452053, BE645036, BF509597, AA252471, AL640819, AI564100, BF515994, BE677776, AI076847, AT749748, AA465270, AW614077, AT253083, BE812744, AA456392, AL268480, AA741570, BE934742, AA805944, BE139537, AA455923, AA861028, AW576288, AI167589, AA742295, BE671268, AI652754, AA465157, AI022306, AW008697, AA026333, AI473203, AA026332, AI452883, AI560649, AA252907, AI400078, AI194138, BE262718, BE869050, AA743503, AA905237, AL468598, and AL423541.
HCMK41	626	862374	1 - 550	15 - 564	AA719296, and AA758153.
HEEAR67	627	862392	1 - 1310	15 - 1324	AL526528, AL521295, AL520535, AL526867, AL532967, BF966843, AL525396, AV727476, AW956422, AW384798, AW192348, BE674240, AI803011, AI973084, AI675809, AV651502, AW118839, AI671022, BG104167, AI935787, AU146133, BE535837, AW938624, AI831233, BE645619, BE504265, AA046886, BE504248, BF196728, AW466913, AA936951, AA046979, AW589954, AV727676, AA029400, AW340759, AW236130, AW665544, AL264581, AI418623, AA150960, AW296225, W44759, AI093394, BF446143, AI302073, AW088730, AU146787, AI435580, N70304, H39508, AU150654, AI800707, AI191597, AI242558, AA031539, AW589926, AI650824, W73928, AA421100, AI459694, W79047, AA226372, AL564140, BF477497, AW235148, AA243847, AW265034, AL273243, D59998, AA226593, AA084054, W04250, H54170, BF115394, BE044190, AA421099, AW294446, AW995404, AA422134, AI433141,

					<p>AI276055, AI097360, AA496314, AA233111, AW663063, H06122, F32723, AI814125, AI971370, AI168830, H28027, H78541, AA652326, AI150958, AI9797634, AW614139, AW305179, AA084053, R24127, AW601638, AW236726, BE908703, AI302409, AI298574, AI969750, AI907561, AW612139, AI077484, W38676, AW875716, BE044224, H77423, T50069, BF476540, BE561581, R24074, D60633, AA770396, AA302953, AW384825, AA226401, AA340545, AA151050, BE545123, R31691, AA122285, H79028, AA297279, AW614495, D60652, AA689289, AA629153, AA026139, H54014, T50005, AW589213, R15482, H05830, BF966894, AA031538, BF766055, AA938031, R31733, BE076193, AA311414, AW296783, AA033515, AW411263, BF695131, AA081773, AI696661, AA766234, C75208, AI826552, AA913310, AW383613, AW383609, AW383353, BF932613, AL526582, AK021925, AK000480, and AK022780.</p> <p>BE313732, BE514284, BE313394, BF312398, AI183639, AA411552, BF203718, BE870754, BE799743, BE312575, H29130, AW732755, AA868160, R19598, AA021220, AW408624, R59798, R14349, AL530288, R84324, BE561531, T48680, ZA2920, BF207404, AW956949, AW977159, AW501357, F11367, R54256, AA730224, BF513891, AA159907, AI986302, BF764015, BF343885, and AB029023.</p>
HWAFC22	628	862394	1 - 1612	15 - 1626	<p>AW193511, BG122671, BF968935, AW243892, BE501969, BF196881, AW513114, AI671129, BF674587, AI803180, AI703257, BF026064, AV705114, AIU157517, AA481582, BF984049, AA902314, N35074, AI147921, AA677858, AI378540, AA969662, AI147803, R17947, BE788301, AI890658, AA074473, BF082480, AV726891, AA598983, AA861833, N40526, AI673650, N42977, BE700216, BE547281, AI948609, AA806101, AI620761, BE700267, D58438, N43814, AA921876, BE891608, H03027, AA948704, AI823850, AW471147, AI948617, T30997, N40566, AI572240, AW577786, BF149171, AW978253, AA559334, BF477795, BG109553, N46607, R32001, AA630387, BG165450, AI219944, AA327638, T30989, AI678315, AI702921, Z40405, AW962738, AV728223, BF846083, BE700006, AB021179, and AK023624.</p>
HCECR08	629	862433	1 - 1069	15 - 1083	<p>AL520065, AI520064, BG249428, BE869699, AA522435, BE257308, AW809407, AW968474, BG253524, BE267183, AI583193, BE548020, AI580066, AA425038, AA602386, AW027266, AA535913, AI201750, AA495955, AI140976, AI400417, AI769557, AI076831, BG230609, BF029884, AI131500, AI810252, AA459496, AI674407, AI762755, AW003027, AW027517, AW305023, AI686492, BF001486, AW513839, AI147015, AW170527, AW512793, AA459267, BF476313, AI276539, AA653361, AI208079, AI292269, W40356, AA599024, AI027947, AW292543, AA733190, AI659802, AI346823, AI767262, AA932457, AA514642, AI367819, AI149913, AI038298, AI400960, W87475, AI350089, W87570, AA678680, BE737436, AA770540, AV703226, AI049656, AA019475, AI804757, AI620623, AW007575, AI346300, AA136872, AI524491, BF831374, R91747, N93865, AA040672, AI264070, AA040574, AI829046, AI446012,</p>
HDPCX59	630	862442	1 - 1803	15 - 1817	

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HBCAY76	631	862450	1 - 1873	15 - 1887	<p>AL527762, AL527763, BG033859, BF569227, BF527195, BF570204, BF337668, AW962021, AJ076793, AI972891, BE019444, BF110354, AI862125, BE549951, AI565789, BE208014, W76105, AI361692, BG149697, BE328157, W72591, AI369826, H79605, AW770937, AI458113, BF344885, AI565656, BG056175, W03277, AA112478, N69449, AW370951, AW370945, AW370952, AW014942, AW370931, H71720, AW370953, R91331, AA773410, AW578714, T34992, AA417749, AW370939, AW014279, AW370937, AA324400, R91290, AA577459, AI675851, AI474427, AI420259, BF593346, H79606, H72285, T23807, AA322599, AI609562, R45437, BE165545, AA236335, H81150, AI696353, AI682500, H56230, AI695166, AA112477, AW370993, AA773411, AI693959, BE698067, AI146575, D19780, AA236241, AW629407, BE165454, AI678074, BE150486, AW084416, AW606005, BE165443, AA632941, and BE150489.</p>
HPJAV04	632	862479	1 - 2380	15 - 2394	<p>AL513848, AL520781, AL520780, AL530383, AL513847, BF529697, AI904904, AW958288, BE260582, BF797027, BE261497, BF306022, BE313588, BG250829, BE378911, BE382450, BE260404, BF310361, BF513467, AA007295, AI955724, AI498159, BE260601, AW849071, AI125267, BE296727, AA004279, BE313057, AW376519, AW578362, AI093868, AI819782, AI003796, AL119155, AI911484, BE645986, BF667093, AI361149, AI904872, AW848721, AA742694, AI129352,</p>

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HHFMA59	633	862567	1 - 752	15 - 766	<p> BF526942, BF034330, BE906856, BG117306, BE871642, BF036429, BE568321, BE729985, BF035689, AW955111, BE711782, BE621432, BF977502, X84712, BF826293, H02682, BE958344, AW405966, R22543, AA477230, AA448786, AV703538, BG250080, BE156569, AW579884, BF695706, BF698225, AW392393, AA186733, BF916201, BF909586, BF695587, AV764128, BF742334, BF742389, H29948, AW794624, R70413, AA311766, AA587630, BF512422, AV763358, AA236039, BE878646, BF813006, AW798114, AA327923, BE785222, BF530141, AF126023, AF126024, M21954, AX018983, AR071323, M21955, AR071324, A38214, I56772, I95540, I58322, I58323, AX031159, AX001082, K02082, M16637, I02355, M20006, M16994, M73496, A48775, M16636, AR091557, and AR091558. </p>
HNFDV96	634	862665	1 - 2990	15 - 3004	<p> AU118050, AL515218, AU124650, AI804495, AL515217, BG254700, BF793291, AU139800, BF221530, BE614349, AU137694, BF793595, AI435930, BG171769, BG120678, AI635319, AI927302, BG036151, BE780429, BE613637, BE883539, BE391223, BE783242, AI802380, BE882107, BE408532, BE222029, BF035253, BF670327, BG026722, AW189345, BG176691, BF690809, BF701218, BE384185, AW138746, AA306135, AW571851, AV758758, AL036570, AW058381, AI859728, BF832574, BF832584, AW410233, AI755119, AW075704, AA418590, BF981254, BE780049, AI984163, AU151135, BF114722, AI961692, AA452161, BE779478, AU149020, AA418574, BE388275, BF103811, AA206679, AI004693, AU153522, AI351372, AW500112, AW261890, AW410234, AW136841, AI634166, AI631474, AA827216, AU128765, AA452392, AW408121, AW500362, BE966378, AU153938, BE349597, AI671386, BE389430, AI380332, AI739557, BE391353, BG248885, AL047192, AI378011, BF796410, AI094228, AA621081, AA993180, W39674, AI244135, AA447738, AA189112, AA707268, AA639867, AI568172, AA448963, BF812945, W27396, AW139700, AW341254, AU156536, AI610449, AA680213, AV692709, AA074826, BF379914, AA495911, AA926753, AW369696, AA455981, T34089, H41985, </p>

HNTA35 HCE3X63	635	862671	1 - 503	15 - 517	AW902483, AE75902, T65313, AI290502, W27884, W44815, AI932816, AW902476, F09884, AA112140, AA903638, BF000181, AA495909, AW902481, AW902478, AW953309, BE644837, AW902479, AW953636, AI638081, AW770216, AW902461, AA343345, D55193, BF930789, R24937, AW902455, AW235766, AW006582, AW902734, H66548, BF094361, AW902736, AW902737, BF239823, AW902730, T32692, R52606, BF379905, AA295536, AW902720, AI522293, AW902469, AA453670, AW902729, AI581037, AA215671, AW504587, F06886, BF205456, AW902703, F06870, AA354203, F12257, BF379886, AA312352, AW902732, W23553, C17550, AA226892, AA449690, AI694910, AW467583, AA732285, BE618002, AW902470, BG252934, BF001525, AA215779, F06869, AA495910, AI872765, T66073, R52549, D78825, AA188898, AW063992, R45200, BF957940, C03668, H66132, AI829792, AV738729, N55752, AW902721, AU138715, AW015422, AW198067, AA355665, BE929397, AA235264, AI910343, T10458, AA227327, AA618016, N53511, AA809990, AI121142, BE720589, BE939651, AI093996, AA358989, T10787, AA090092, BF904404, BF376408, AI904692, AU148473, AW385823, BF326100, BF085286, AW770803, AV731531, BF741199, AI982808, N44960, AI132637, AF090430, AF070656, AK001259, AI162272, AJ295622, AK022930, AC010518, AJ295621, AP000535, AP000536, AJ295618, AJ295620, and AJ295619.
	636	862807	1 - 2681	15 - 2695	BE909279, BF806721, and AW887675. AU116945, AW370778, AW748496, BE008566, AL120631, BE012097, BF915504, BF914539, BF915509, BF915619, BF915278, BE012058, BE012056, AI079742, AW900873, BF958427, R60049, BE012090, BE008559, BE012098, BE008567, BE012088, BE008557, BF958428, BF345710, BE008556, AW955385, BE008553, R60111, AA326354, W52864, BF915611, AA843289, AA037392, AW748453, AA584831, AI026996, F13341, T06233, BF349469, AW991423, BF886081, AI041415, T77092, AA477598, BF886817, BF953670, BE703584, BF946647, BF886490, AW991625, AA477470, AW582628, AI906119, AA349458, AI953575, AW957190, BE894127, AF234887, D87469, AB028499, AB011529, AF031573, and Z96419.
HCE2K01	637	862851	1 - 1565	15 - 1579	BF348587, BF317233, BF347922, BE262234, AI886854, AI564810, AI571772, BE260801, BF947408, AA620986, BF348199, AL118922, AW964855, W56893, AI948418, BF590647, AA682932, AI197966, BE832972, H38493, R88493, AW139827, AA984456, AI816315, AW160990, H38543, H30751, H49766, AA604007, BE383259, R88620, AA326352, AA324912, AA326240, BF959580, BF957744, H38473, AA323285, AI565716, AI027311, AI69823, H51158, R89653, AW964663, BF928045, BF445694, AW904314, BF957741, AW896684, AW896682, AW904318, AW875497, BF758599, AW896689, R85211, AW888897, BE702414, AI468058, R88628, R88824, H51120, BF206086, AW904306, AW896674, BF967275, H41534, AA622175, BF947811,

HJPCG05	638	862913	1 - 1320	15 - 1334	<p>AB023167, AF190461, and AF044201.</p> <p>BE740695, BE739906, BE899124, BE742745, BF685920, BF971897, BF684948, BE336652, BE747520, BE925550, AI733012, AI492192, BE207602, AW275042, AA954656, AW139807, AW136444, AI361524, BE207644, AI762361, AI762373, AI246377, BF684146, AA306161, BF062047, BF222947, AW003832, BG028044, AA863078, AA402599, N32269, AI801286, AW151974, AI866469, AI859991, AW858522, AI440260, AW151132, AI500658, AI623941, AI567968, AI431238, AI927233, AW151136, AI539771, BE897632, AI432644, AW151131, AI537677, AI494201, BF812963, AI047611, AI804505, AI815239, AI500659, BE883591, AI866465, AI815232, AI801325, AI866691, AI500523, AI538850, AL514019, AI887775, AI582932, AI590043, AI923989, AI872423, AI284517, AI500706, AI491776, AI445237, AI289791, BF811804, AI926593, AW151138, AI889189, AI521560, BE084795, AI500662, AI285417, AI582912, AI539800, AW172723, AI272723, AI284509, AI538885, AI440263, AI889168, AI866573, AI633493, AI434256, AI805769, AI434242, AI888661, AI500714, AI284513, AI804515, AI888118, AI285439, AI358271, AI436429, AI889147, AI355779, AI623736, AI581033, AI371228, AI491710, AI431307, AI440252, AI440238, AI567971, AI866786, AI860003, AI610557, AI431316, AI242736, AI539260, AI828574, AI887499, AI521596, AW151979, BF814449, AI539781, AI539707, AI702065, N25033, AI885949, AI285419, AI559957, AW089557, AL514469, AI521571, AL514951, AI469775, AI866581, AW074057, AI567953, AI815150, AI446495, AI867068, AI952433, AI225248, AI698352, AI282249, AI371229, BF527963, AI514839, AI469764, BG167830, AL513655, BE885490, BG252929, AI888317, BF871314, AW194509, BF724911, AL039287, BF527697, AI690813, AI866503, AI561170, AI54821, BG109553, AI042365, AI690946, BF814072, AW022636, AI890907, BF811802, AI925164, AI909697, AW051059, AI866458, BF815930, AI371251, AI648567, AA928539, BF811784, AA720970, AI433157, BF751299, BF812438, AI866510, AI811603, AI623302, AW058275, AI866461, AI954721, BF726183, AI923046, AI431962, AI538692, AI370623, AI047422, AI513937, AV709390, AI048403, BF968892, R41605, AI345688, AV693602, BE904652, AI656962, AL047398, AI698391, AI250646, AL514879, AI889191, BF982923, AW089844, BG029667, AW858243, BE544479, BE886728, AW163464, AI491904, AI224373, AW827289, BG113493, AI884459, BE769091, BG110517, AI371243, AL513949, AA641818, BG119547, AI890223, BG178532, AI049859, BG110384, BF811793, AI687944, AV740521, AI345415, AW129106, AI433590, BG257535, BG111916, AI802542, AL039390, BF795712, AI493559, BG111100, AI887785, BF796402, AA808175, AL036705, AI274759, AW372903, AF123757, AF123758, AF123759, AF123760, AF123761, AF125307, AF125308, AK027114, AF102578, AF113677, S63521, AL133084, AF112208, AK026927, AL137533, AF116631, AX040958, AX040974,</p>
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				15 - 633	AL527589, BF794114, AV703898, BF313749, BF976305, BE731608, BE736480, BE889614, AI086605, BE732710, BE741473, BE614673, AA654791, BE259354, BE615687, BE890833, BE539810, BE747138, BE899259, BE732930, BE313748, BE898888, AI937040, AW027344, AI808796, BE256852, AI992050, W76599, AI401654, AA583061, AL527588, AA843815, BE745311, BG109908, BE336680, N84979, T63208, BE176971, BE176808, BE176933, AA380008, AA931892, AV686812, AI950961, H16414, BF677458, BF727273, BF726963, D30831, AI312676, AA889272, AI040841,
				1 - 619	
				863051	
				639	
				HOURG48	

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HCYBG68	640	863308	1 - 2509	15 - 2523	AL530427, AU117344, AL538342, AW954347, AL119313, AW139420, AW956297, BF224071, AI912249, AI694564, AI290594, BF433146, AW963525, AI131059, AA861784, AA806177, AW965594, AI367043, W03385, AA807031, AA514623, BE613393, BE673459, AA825657, AI807033, AA836481, AA761884, N42640, AA451921, AA250792, AA410256, AI912705, AA429651, AA831314, BE218619, AI092799, AI298636, AI681278, AA774869, N67802, AI370891, AA894789, AA047263, BF836923, AA278845, AA761195, AA305260, AW368344, AW276983, AA372719, AA127225, H86483, T08808, H85974, AA251036, T73087, AA278829, AA488944, AW517624, AA418881, AA379994, R14378, BE702377, BE932283, AI204965, AU144200, AA987739, BF822710, AW857863, AA214396, AA773133, AA343388, AW206541, AI762472, AA418882, BE938832, AI140532, BE938834, BE767686, AW956545, AI002400, BE938835, BE938842, AW205025, BE938843, BE938827, C20769, H30812, AA249821, BE938833, BE938844, AI241455, AW517752, BE938837, AA406530, BE938838, AI569084, R93659, BE69387, H90092, AV709514, AI355529, BE699388, N52964, AL530428, AI279174, BE856646, AI291928, AI338925, AF112221, AK000911, and AB020678.
HDIBD83	641	863372	1 - 591	15 - 605	BE736886, BE744656, BF875090, AA347493, BF772194, and AB002335.
HCDEG27	642	863396	1 - 430	15 - 444	AA505320, AW972479, AI419468, AI073641, BF674236, BG152620, AI471102, AW370201, and BE890552.
HBXDJ07	643	863541	1 - 1469	15 - 1483	AV718200, AV753454, H11405, R55569, N27906, H20863, N25140, AV725162, AF306459, and U27708.
HBKDA80	644	863586	1 - 663	15 - 677	BE967527, AI201607, BF530969, BF346349, AA706731, BF529454, BF793156, AI380537, BF345971, AI878845, AI879304, AA020862, AA855013, AI422239, BF338932, BF439896, AI358939, BF529160, W74452, BF575097, BF923745, AI422201, AA017448, BF969554, AA019649, AI923364, BF923742, AA725298, AI880155, H40692, M62142, AA724499, AW451024, BF345888, BE645169, BF923741, AW163815, BF347262, T31153, AA9793196, AA025741, H50177, BE937930, H30752, AI498532, R87477, H51601, AI422192, AA700037, H49926, BF920220, H26405, AI865955, AI016675, H14238, M78975, BF932212, AA917485, BF926854, AA917691,

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HSSDP38	645	863587	1 - 2157	15 - 2171	BF967580, BF967599, BF526188, AZ01607, BF347782, BF347262, BF346349, BF344692, BF530969, BF967523, AW377114, AI380537, AW952364, BF526255, BF969554, BF340682, AW157774, AI655912, BF528672, BF337285, AI879403, AI146748, AW204763, BF345109, BF530197, BF338932, AA706731, AW192741, BF967527, BF439896, AI674046, BF920220, BE645169, BF793156, BF529160, AW305252, BF529454, BF341160, AI580912, AI093152, AI660044, AW518907, BF431045, AA020862, W74452, AI878845, AI742079, AA782477, AW304006, AW136664, AW182997, BF923745, AW025364, AA835372, AI879662, BF528195, AI358939, BF923742, AI801946, AI422201, AI422239, BF575097, AI813356, AI336011, AA855013, AW451024, AA994673, AI498532, AI879304, AA017448, N46229, AI879683, AA725298, H43994, AI923364, AW163815, AI628011, AI277994, AW779817, BF923741, M62142, AI274904, AA019649, N62584, AW291437, BF932212, AI825784, AW090126, AW664106, AI366522, AI867321, AA021022, BF345971, AI802620, AI564495, BG055946, T09222, AI880155, AA774613, AI251820, AA025827, W27282, R84717, AA196540, H61679, F18965, AA536168, N80357, AA971702, BE715030, R99829, F28976, N36677, F24866, AI872630, N58522, R84386, AW514001, T31078, T33821, AI027412, H40692, F28382, AI579966, AI287460, H48592, F31898, AW608550, F24298, W27947, BF925436, H46851, T08543, BG055765, F25936, F20433, AA971308, AA700037, AW236878, BE714967, BF345888, AA025741, R93674, T03744, BF447454, R84387, T31153, H86297, H50177, AV726306, AI193426, F24508, R52608, F20451, AA724499, H46765, F21806, BE172761, F19090, AW895728, T30953, AA772522, R87477, AI469512, M78856, BE698989, H51601, H26405, R83676, AW381187, H84842, AW779221, AW895991, F27265, AW901702, AI492433, R88151, F35865, AI207927, T09010, AW901701, R49676, AI025838, R95717, F25563, AA013333, F19151, AI422192, AW895865, H48869, F26087, R52551, F26962, AI207933, BF924860, R35374, F17747, AA973196, BE677661, BE937930, F27211, T78639, T35800, F19034, AI244373, H49926, Z24921, BF826839, F17022, Z28454, AW079644, R88676, F23472, F26519, R49897, C04550, R50243, F27566, T67453, T64238, F23469, R18563, F20879, AI680629, Z42395, F22691, AA602822, R95716, AI016675, BF927277, BF935247, H14238, H43995, T79124, AA602753, AA603005, BF930964, T30012, R50710, F35531, AI671225, AI613030, BG059642, H30752, BF594287, BF221861, T08807, T07601, AA677640, AB033074, AF159092, AK024521, AB033921, AX047063, AF217994, S68736, AF218031, Y08991,

HSSGL44	646	863654	1 - 2942	15 - 2956	<p>Y11505, A91160, AR011880, AC068130, AP001624, TS9473, T69486, R11417, R05821, R19167, R41430, R41430, R73505, R73506, H14237, H17971, R85091, R99828, H72275, H85846, H85914, N46228, N54065, N78113, W20020, W72768, N90531, AA017447, AA019648, AA533780, AA564891, F15609, F16828, AA917485, AA917691, N55649, N56356, N89302, AA092716, F21135, Z20535, AA909921, Z28942, Z28943, Z38602, Z41957, F01473, T59417, and F00553.</p> <p>BF026630, BF525472, BF311175, BF026375, BE315200, BE384236, BG029678, BE728846, BF027355, BF207367, BF311466, BE391121, BE385559, BG249240, BE889845, BE746346, BE384507, BF314019, BE514952, BF316610, BE387027, BF026515, BE385753, AW958716, BG034358, AW387756, AW387777, BF311701, BG166348, AW058655, AV712812, BF434690, AW387790, AW387823, AW387881, BE205929, AW387875, AW387818, AW387759, AW387863, AW387885, AI885199, AW387879, AI696938, AW387882, BE206444, AW576420, AW387835, N27479, AA457045, AA004840, AI371842, AT753132, AT243820, BE391643, AI401039, AA042937, BE208742, AI620938, N21206, AI075795, BF951267, AA827532, AW952741, AA961462, H17738, AW818342, AI138762, AI124836, AI752279, AA401155, AA456889, AI702256, R72316, AA400981, BF508433, R59036, AA043037, AI038154, AA251449, R72279, AA429858, BE392526, AA081310, N99653, AA026365, H08163, AA679413, AW502829, N71703, AA338257, R58972, AA081311, BF764044, R34391, BG152425, AW050971, AA687186, AA730076, H08262, AA251361, AA297244, AA306235, AI000974, BG149463, AA298573, AA853018, BF834450, AA853019, AA338258, R91030, AA314525, AA353768, AW263925, H17627, R48929, BF311649, BF087022, AA373441, T86041, AI906978, AA004963, AI570299, AA446166, BE260858, AW452622, AA255575, AA093014, C01841, BF087011, AA340952, AI955058, BF346375, AA026457, H49886, BF437779, AA613298, BF836633, AI932871, AW265688, BG222875, AA804187, H67064, AA610255, AA115865, AA488687, AI281689, AA586433, AW302017, AI185394, AI565084, AW089625, BE328286, AW245354, AA654482, AI446259, R67701, AW265276, AW591304, AA558404, AW382918, BE149998, AW946882, AA654778, AW962611, AA525331, AW392414, AW023111, AV759971, AA515924, BF766147, AW188742, AA429481, AI054339, BG057207, AA533054, AW511778, AA857812, BF942349, AA356376, F00533, N30016, AV758067, AI653999, AW408756, BE739933, F31951, AA862029, AA666295, AI873627, BF934628, AI254779, BF447405, AA598605, AI564675, AI039309, AI359200, T07225, AI923052, BE002964, AW272815, AI137946, F35684, AI590442, AL022312, AL365515, AK000239, AK026539, U02047, M87889, I34294, AF205210, AJ224877, AJ012824, AC004790, Z70289, AC008126, AC006277, AL390014, U95739, AC008745, AL049829, AC005598, AF064861, AF003626, AC004253, AL499628,</p>
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HBODY10	647	863665	1 - 926	15 - 940	BE298619, A1742370, AI951803, F21858, AI094102, AI091054, AI374599, AA644519, F26878, F36653, AA993801, F34314, F19543, AI239603, AI039195, AI425024, AA182915, BF671086, F32505, AA970455, F25446, F26950, T11964, AA181506, and AL136295.
HDFUB58	648	863687	1 - 2091	15 - 2105	AF010244, BG026299, AV752955, BE670307, BF436052, BF038892, BE464799, BE671255, BE042892, AI866576, AW770582, AV725085, BF326818, AL557322,

HSMBE70	649	863709	1 - 898	15 - 912	<p>AW015347, AI799000, AI376288, BE502146, R89028, AA171608, AA970651, AW876870, AW877590, AW840350, BF361437, AW363754, AW877589, AW877588, AI802649, AW877706, AI915514, AW840419, AA402637, AA745819, AW840429, AW840358, H43394, AW937209, H47689, H71857, AW934824, R73186, H14457, AA243018, AA171767, AW840513, AI751358, BF349078, AW877627, N46833, AW341834, AI823932, AW877671, AI083608, BE070521, H71862, H47604, Z43234, H71746, AA236513, AA402673, BE504959, AW937211, AI350267, H90124, H72309, AW105147, BF792271, AI174661, H90928, AW270454, AI751357, H90033, F02687, AA247903, AI239443, H43340, BE070715, BG121536, AI982804, AA376476, H08573, H71070, C00687, AA376351, BE002413, AC008952, AC008838, and AK025909.</p> <p>AI090012, AI048304, BE538120, BF448592, BE464841, AA040831, AI982813, AA03447, AA502368, AI344358, BE697269, AI344536, BF851861, AA043448, AA040167, AW183007, AW674670, AI570653, AI864266, H27959, AA564261, H27958, W86977, AW050696, AI302319, AW197920, AI624520, BE162330, AA247896, AI472445, and BE536754.</p>
HEPAA94	650	863718	1 - 964	15 - 978	<p>BE177934, BE178118, BG168943, AW952560, BE467261, AW069580, AI890128, AW273443, BE502256, AI744746, AI379922, AI032260, AI522079, AI279840, AA281064, AI879924, AI217814, T66144, H11614, AW194179, R55295, AI085109, R55392, AA335275, N99235, AA257070, F09767, AA257163, AW972958, AW206093, AW293807, BF769935, AI669914, C02264, AA988919, AA357316, AI699614, BE936621, R47297, BF037710, AW881403, R08134, R08135, T97734, R24628, R41750, R46652, R41750, R46652, R68465, R81013, H00897, H13892, H21049, H26608, H26653, R93132, R95021, H89625, H94620, H97545, N21102, N25341, N25577, N27942, N31115, N31456, N33414, N40704, N41557, N42388, N57163, N70491, N71098, N79839, N80214, N98397, W04860, W05841, W07170, W33185, W37251, W37341, W37342, W38453, W38503, W40194, W42493, W42643, W46428, W46463, W52071, W67206, W67350, W69599, W99307, W99396, AA029338, AA029339, AA040361, AA040360, AA071515, AA082292, AA112326, AA113135, AA131702, AA131708, AA131613, AA131609, AA181802, AA186552, AA192745, AA192818, AA484255, AA488862, AA488939, AA507933, AA515025, AA522553, AA523060, AA564095, AA564096, H89479, AA627461, AA639412, AA576846, AA669117, AA760790, AA766125, AA826436, AA825268, AA865450, AA873853, AA876949, AA903215, AA917384, AA928523, AA928935, AA935187, AA935336, AA969528, AA972750, AA973237, AA995522, C01348, R29421, AA435599, AA443738, AA476787, AA716513, AA719184, AA723202, AA724010, AA724888, AA724928, AA782195, AA846351, AA772446, AA860990, AA860997, AA860073, AA890241, AA890374, AA973207, AI026162, AI038801, AI050951, AI057524, AI074987, AI086726, AI087199, T25768, T25871, AI245494,</p>

HHBCU86	651	863734	1 - 725	15 - 739	AI302436, AI302531, AI306429, AI309295, AI350164, and AI360748. BG177485, BG177377, AW068821, BF340963, BE735271, BE734125, AW629902, BF795298, AA179850, BG024965, AA347950, BF885987, AL040673, BF887193, BF886931, and AF132937.
HBXGQ49	652	863848	1 - 2025	15 - 2039	AI939620, AI480056, AW300620, AW300615, AI589129, BF920454, BE386438, AI911546, BE386547, AW961851, AI361251, AV726263, AI498527, AW901919, AV725146, H41544, BE967591, AA326679, AI422476, AA348503, AA912288, and AI423129.
HCBCL08	653	863887	1 - 1420	15 - 1434	AI800075, AI686505, AV726613, AW023374, AA418208, H97489, AA620395, AA418073, AW027850, N67776, AI168759, N36146, AA700811, AA401879, N28007, AW952793, AA012999, AW904436, H99095, AI015805, H82563, H60753, R87427, AA688368, BE702596, H59689, R85022, AI582759, N35665, AA205528, W03403, H83667, H83666, AA322820, AW072108, H60754, R07653, AA339201, R07706, N26551, H59688, N69337, N88280, H84836, BE744699, AA640177, AA221012, AA094140, AB025904, AL138795, and AL138795.
HUCOT09	654	863914	1 - 3282	15 - 3296	AL528723, AU123584, BE745581, BF312700, BE741050, BE795735, AU122587, BE743660, BE741283, BE856746, BE742232, BG254329, BE886473, BE792958, AV656238, BF309893, BE313618, BG119782, BF038125, BG105929, BE908612, BF966056, BF037974, BE740993, BE868776, BE314204, BE883039, BE867958, BE886582, BG179301, AL135110, BE268862, BF983158, BE311448, BF825757, BE514967, AI138612, AI084786, BE536600, BG181025, BE255081, BF828617, AA122281, AI857642, BF828799, BF826814, BF037337, BE300994, AI814439, BF308933, AA576976, BE255064, BE314324, AW953203, BF240560, AW007758, AA291860, N36325, BE887297, AA614328, AA758326, AA398266, AA705821, AI879205, AW029132, AU148132, BE810276, BE179970, AI131062, BE259170, AI222818, BE169650, AI935132, BE392210, AW070541, AI624257, AI694240, BG236028, AW194445, AW103797, AA196651, BF725300, BF690320, AW517068, AU146225, AI582213, AI435143, AI360344, AI394500, AI688349, AI582376, AI690569, BF795416, BF111964, N29984, AI860428, BE292928, AI160318, BE179846, AW194430, AW264570, H58349, AI950515, AA410748, AI952259, AI754189, AI813910, N32745, AI500411, AA434488, AW008344, AA643227, BE312315, AI879588, BF087137, AI869669, AI351136, AI497687, AA991796, BF438467, AI299383, W80788, AW027186, AW130354, AA350146, AA434392, AI948642, AA428653, AA565934, AW733015, N26961, AA878173, AA477509, AA477094, AA432338, BE746827, BE838132, AI057169, AI372449, H07102, BF911970, AA213414, AA731192, BF087761, BE675270, AA765797, AA804972, BF088377, AW780293, AI016933, T33461, AA399437, AW591234, DI2098, F24523, H70959, AI868018, R44093, H73091, BE838094,

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HYBAF24	655	863934	1 - 649	15 - 663	<p>BE793846, BE513607, BE790851, BE795342, BF689981, BE730258, BE735825, BE903214, BE265249, BE267419, BE740614, BE742662, AW247577, BE727175, BF026122, BF732877, AW247732, AA148228, AI751446, AW008969, BE798194, AW069303, AI394269, AI797289, AA316485, AI750270, BF026858, AA996071, C05230, H41429, AA159378, BE793469, AI278793, BE958392, R62171, AW263105, AA248589, AA613553, AW009897, AA960959, BE799132, AI026967, N30347, AA158337, AA131464, BE267114, Z40848, Z36872, T36130, T34155, R81681, BF880011, N93270, AI541453, AI383153, AA837473, BE814767, D56451, T69473, D56220, BF879857, BE903639, BE263036, W33202, C03927, AI783931, BF879695, AI560479, BE393241, BG170115, BF125876, AK024765, AF197937, AF116692, and AL136116.</p>
HEMET46	656	863977	1 - 2569	15 - 2583	<p>AW953081, AW070211, AA464807, AW391174, AI333225, AA770661, AA081335, BE219696, AW665724, AA431894, AW582203, BF104732, AI338446, AA426155, AA486620, AA426230, W31695, AI400254, AA186695, AA347390, AA426573, AI051414, AW771545, AA425620, AI301726, W04527, AA918383, AA487066, N36136, AI374976, N66734, H88205, AA297537, H87975, AI631919, AA188323, BE167291, BE167284, BE677286, BF821835, N44141, H88157, AI206014, AV749192, AA297524, AA248250, H88204, AV681211, AW438654, AV748234, AA090513, AW772577, AA090419, AX035213, AF205940, AK026875, AB034695, and AL133118.</p>
HFXJM86	657	863982	1 - 1853	15 - 1867	<p>AL138080, AL138081, BG056111, AW117532, BF724275, AI885223, AW051808, AI332809, AI564820, N63569, AW207494, AI866785, AW148811, AI954565, AI199326, AI199105, N38888, AI243422, H09138, AW381536, AI986175, AI991904, F31192, Z18300, Z25110, Z28916, AW381528, Z41646, AI954371, N38887, AI033629,</p>

HDYHL37	658	864023	1 - 1810	15 - 1824	<p> AW381480, F25740, Z28784, N94825, F00372, AW380848, F16581, AW381481, AA197180, AW104762, BF887537, AB042554, AB032999, and AC006059. AL538001, AL516063, AL538254, AI909660, BF981796, BG120625, AV700619, BE392454, AI223238, N21497, N21485, BF939496, BE392044, AV719776, BG057702, AI817039, BF204137, AU155240, BE071563, AU106629, BF184627, BE907983, AA305918, BF816141, AA507408, AW937833, W93873, BE867586, AW151922, AW182553, AI633232, AW003628, AI684339, AU159253, AI560885, AI687139, AW082805, AA082822, AI817047, BE070285, BF114838, AW518577, AI688212, AI190333, BE071553, AA582245, AW054948, BE799775, AI589693, AV753173, AW804877, AI674037, AU159189, AA977342, AA702518, AI751234, AI422198, AA983227, AI214547, AI288967, BF357795, AI355053, BE670446, N26211, AI141813, AI497774, AV752825, AI493523, AW008389, AA436893, AA055994, AI309911, AA442652, W90296, AI827121, AI333029, AW248575, AU153812, AI277239, AI084179, AI318056, AI291951, AV743293, AI093971, BG031747, AW392743, AI469852, AA687101, W19435, BE294439, BE350317, R96731, AA430076, AI039407, AA861287, BE221585, AA813581, AI097602, AA709151, AI239436, AA100154, AI624059, AA559003, AA749286, AV742588, AA976571, AI688752, AW364723, AI146959, N68656, AI63475, AI393760, AI494450, N92780, AW087854, AA524574, AI241783, AA053089, AI922515, H02857, AA125784, H67701, BE086760, AI080552, AI083936, AI182728, AA832054, AI418179, D82393, AA865309, AI262535, H13252, AI351565, H03752, AV737697, AW079031, F20912, AI695464, BE719024, AW473709, AA211150, AA810420, BF241046, AA976994, AW577541, BG258102, H69233, AI493332, AI031856, AI085542, AA188920, N57926, AA804591, AW468051, BE795791, R56688, BE729605, R42366, AI290992, AW248055, H79674, H78016, AA883326, AA477753, AA927225, BE246085, H78017, AA621934, AI280314, AI277249, AI682946, AA055906, R68511, T34630, AA810015, AA010257, AI689190, AW517928, R68216, AA931301, AV657931, AA053600, W90637, C75361, W94144, AA746271, R63070, AA836198, AW392699, H91302, AA831111, AI825687, H79675, R96732, AA449217, T34205, BE174772, BF975809, T34046, AW992973, D82307, AI955944, AA404696, H91397, U46255, AA010426, AI659067, BE074494, AW751221, H69232, BF931397, AW273912, BF934990, AA328191, BF352198, AA125933, AL538255, AA676384, AI567602, AA291489, BE644796, AI696447, BF347548, AV658719, AI347465, AI672808, AA477859, AW875104, BE929017, AV658343, AW938344, BE089142, BG119159, AA336646, T11067, N91674, BE898924, D19818, BE085566, T05608, BF438373, AA443715, BE074860, AA182632, AA551195, AV383520, BE670867, AA926640, AI913752, AJ238374, AJ238375, AJ238379, AK023927, AK001316, AJ238376, AF161479, AL109840, AC010102, AJ238741, AJ238743, AJ238742, AF136276, </p>
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HBIFE32	659	864093	1 - 854	15 - 868	AF136278, AA883083, and T18566. BE791591, BG180876, AL040387, BF035302, A1288666, AU129230, A1658486, W02852, AU129185, AW136080, AU119473, BF241478, A1636247, A1609935, A1798914, A1023382, AB037850, AK022906, AK000668, and AL117434.
HSLDY71	660	864179	1 - 822	15 - 836	AL518393, AL522644, AW93904, BG180896, BE221763, A1693243, BE220100, BE885876, A1085705, A1554530, A1222170, A1417191, A1858625, AW363027, AW753943, AL525061, H64836, BF980553, H64835, AA372615, F12236, AA864323, BF239098, BF185076, AL518394, T66397, BF185001, AA705267, A1684882, AL045195, BE795832, AK025968, and AB041610.
HULFN21	661	864272	1 - 721	15 - 735	BG176952, BG119766, BE906508, BF315405, BF796929, A1360274, A1037855, AW962725, AW007497, AW082995, AV755472, BF594004, AW161413, AW156931, BG166964, N21474, A1554100, A1214257, A1478780, A1222821, A1653431, BG248818, AW084500, A1453168, A1806688, W63672, BG028373, A1434287, BE858543, A1127538, AA649068, AA773025, BE904459, BE858816, AA314274, AA724824, A1800951, BE407567, AA581734, AW162184, A1148356, A1685414, A1023940, H50099, A1831484, AA92634, A1279472, A1364371, AA027848, AA488943, AA488865, AA826437, W60232, H41639, W74733, A1337789, AA936903, N35097, AA469467, AA044621, A1141455, A1123011, A1828794, AA854512, A1150124, AA835872, A1718955, N20569, R77458, W69967, AA976010, AA922961, N91253, AA568890, A1221519, H39206, AA128350, AA879143, AA706573, AA027881, AA593835, AA815338, AA613060, AA286860, BF683095, F36916, AW005313, AA149210, AA149209, A1377018, N24682, N36660, AA467797, AA314917, F22231, W61084, N28955, AA897642, AA055651, AA401043, F28697, AA916716, W35170, AA400991, A1459613, A1264839, BF245948, H91964, A1183792, W70117, AW951971, F32049, BE781599, F21332, W19907, W60231, R77554, AA455025, AW474305, AA873439, H03117, AA483989, H50142, AA716117, AA978038, AW182103, H40085, F30898, W74540, AA128474, AW511963, AA335268, AW962727, F23477, N92608, AA906647, F29182, AW879581, AA455832, F29976, F26793, BF732750, F26857, AA300070, AA602800, R48819, AA369626, R48820, AA742758, A1719367, W39126, F32886, AA523612, A1014895, AA300069, AW418783, A1825594, N43840, BF223245, A1199049, AA937249, W20394, F37930, F28674, BE163986, AV738486, AA888678, AA055707, AA921866, D19857, BE840678, BE840480, AW268072, A1873613, A1343037, A1345397, AW301300, AW075207, BE138658, BE138712, A1313320, A1344928, A1366974, A1345416, A1345612, A1345111, A1349967, A1307503, A1349028, A1309431, A1310575, AW074993, AW071380, A1345114, A1345615, A1312152, A1345735, A1307543, A1308032, A1345224, AW072485, A1307494, AW303089, A1307520, AV743962, AW071362, A1307526, AW302965, AW072484, AV744136, A1336654, A1307507, A1336503, A1334913, AV738991,

	BEI38684, AE311892, AI307569, AW269097, AL036980, AI345736, AI612068, AB345688, AI312264, AI334930, AE345608, AB348880, AI309401, AI310582, AV739574, AI345251, AE366968, AW075084, AI345467, AE318254, AE340664, AE345553, AI311159, AE366985, AV741327, AE349637, AI310920, AE345562, AE345318, AE345817, AB348917, AV744834, AE345477, AV738730, AK000501, Y08702, AF217982, AK024538, AF217987, E04233, AF119856, AK024524, AL389935, Y0878823, AK025906, AL133016, AF111112, AF218014, AB048975, AL133568, AX040958, AF113690, AX040974, AB049892, X53387, I48978, AB052200, AF155827, AF116676, A08916, AF100931, AL050024, AF166267, M86826, AL157479, AL080158, AL442072, AF227198, AF130066, I89947, AF118064, AR029490, AF118090, AK000083, AL023657, AF130077, AR038854, AK000618, AK026626, A08913, AK027114, Y11587, AF119896, AK025798, AL080127, A08912, AJ005690, X98834, AL389939, A08910, AI8777, I89931, A08909, AF177336, AL133104, AR087170, AF215669, A08908, AL137273, S78214, AF175983, AF116610, AF119871, AL117649, AJ012755, AK026593, AR011880, AF116639, AF097996, A65340, AB052191, AX005848, AX005804, AK025375, AK027164, A07647, AF321617, AF116631, AF271350, AF162270, Y10655, AF110329, E03348, AK026597, AF065135, E03349, AL353957, AF111851, M30514, A738278, AK027200, AL117457, AL137656, X63410, AK026647, AK026045, AL122106, AK025491, E08631, AF125948, AF125949, AL080060, AF116691, AK026885, AK026855, E05822, I03321, AK024601, AL117460, AK026950, AF242189, AL157482, AK026592, AK000486, AK026600, AF061943, AF112208, AF119875, X87582, AK026353, Z72491, AK025958, AK025254, S77771, AL137479, X96540, AF113019, AL122049, AF113689, AK024588, AF118094, A65341, AK026480, AF130054, AF106827, AL133081, AB049900, AF119859, Z82022, L30117, E15324, AF026124, AL162062, AF116649, AK026506, AF158248, AL117440, AF090896, AK026551, AF113013, AL133072, AF116682, AF116644, AK025383, D55641, AB049848, S68736, AL353802, AF078844, AL122110, AR020905, AX019230, AL133080, AK049430, AL162003, AL137560, AK026522, AL117583, AF116650, AL117416, AK026741, AK026784, AF058921, AL133077, AL080137, AF079765, AK027136, AF081195, AL133560, E07361, AF285167, AL353625, AF130104, I89934, I89944, AL080074, S75997, AK025967, Y11254, AF079763, AK027213, AB038698, AL133557, AF260566, AL353956, X63574, U80742; AL137488, U78525, X65873, AL133565, S76508, AB051158, AF132205, AL110196, AL390154, AF113699, AK000137, E06743, AL122111, AL133098, AB048954, AF218034, AL080234, AF119857, Y09972, AK026927, A45787, AL162085, AF113691, AX019229, I48979, AK026542, AL162004, AK024570, AK027116, AK026464, AF090934, AF113677, AR038969, AB048964, AF218031, AK026528, AF143723, AL049452, AK000647, AF106697, AL117578,
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HCRPB50	662	864273	1 - 678	15 - 692	<p>AK026452, AL137533, AL353940, AF016271, AL137658, and AL359620.</p> <p>BE906508, BG176952, BG119766, BF315405, BF796929, N21474, AW962725, AW082995, AV755472, BF594004, AI360274, AI037855, AW156931, AI554100, AW007497, AI478780, AI653431, AI453168, AW084500, BG166964, AI806688, W63672, AW161413, AI434287, BE858543, AI214257, AA649068, AI222821, BE858816, BE904459, BG248818, AA581734, AI148356, AI023940, BE407567, AI685414, AI831484, H50099, BG028373, AI127538, AI279472, AI364371, AA773025, AA488943, AA488865, AW162184, AI123011, AA826437, AA724824, AA854512, AI800951, AA314274, W74733, H41639, AA936903, AA469467, AA992634, AA027848, N35097, AA044621, AI141455, AA835872, AI718955, N20569, R77458, AA815338, AA976010, W60232, AA055651, AI337789, AA568890, AI221519, H39206, AA706573, AA593835, AI828794, AI150124, AA613060, AA314917, AA149209, W61084, F36916, AW005313, AA149210, AA128350, AA467797, F22231, AA027881, AA897642, F28697, AA922961, AA286860, W69967, AI377018, N24682, N28955, AI183792, AA879143, H91964, F32049, W19907, AA401043, R77554, N91253, AA916716, N36660, W35170, AA455025, AW951971, AA400991, AI459613, AW474305, AI264839, AA873439, BE781599, AA483989, H50142, AA978038, F30898, BF245948, W70117, N92608, H40085, F21332, AW182103, W74540, BF683095, H03117, W60231, AW879581, AA335268, AW962727, AA128474, F29182, AA602800, AW511963, F29976, R48819, F26857, F26793, BF732750, AA300070, AA906647, AA716117, AA455832, R48820, AA742758, AI719367, AA369626, W39126, F23477, AA523612, AI014895, AW418783, AA300069, AI825594, F28674, N43840, BF223245, F32886, AI199049, AA937249, W20394, F37930, BE163986, AA888678, AA921866, AA055707, AV738486, D19857, AI873613, BE840678, BE840480, BG029053, BF726237, BF968910, BE785868, AW151136, AW082594, BE536058, BG164371, BF812933, BF341801, BE048071, BG120816, BE047737, AL041150, BF814420, BG249582, AI269862, BF816037, BF970449, BE047852, BF338723, BE876033, AW827276, AI364788, BF038131, BG256592, BE880182, BF822127, BE874133, AW673679, AA225339, AV727776, AW071417, BE880674, AA715307, BF924882, BF970768, AI580290, AL036548, BE965060, AI859464, AI805688, AW772685, BE879516, BG030364, AW827289, BF032768, BF339322, BF032910, BF814357, BE047952, BG034550, AI788305, BE968711, AI597738, BE246734, BG031815, BE964876, BG179993, BG026428, BG036846, BF968541, BG032208, AI698401, BE910373, AI627880, AL045500, BE622183, AI284131, BE887488, AW827103, BE904178, BG251104, BE527014, AL045620, BE877769, AV715354, AK000501, Y08702, AK024538, AF217987, E04233, AK024524, AK025906, AL133016, AF111112, AF218014, AL133568, AF113690, AL122049, AL162062, AL389939, I48978, AB052200, AF116676, A08916, AL050024, AF166267,</p>
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HDTLL66	663	864279	1 - 1236	15 - 1250

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HWDAF64	664	864349	1 - 1592	15 - 1606	AI859773, AI742029, AI685738, AI819810, AW082064, BE840167, BE840005, BE671043, BF973231, AI376066, AI459167, AI361641, AI076881, AA991356, AI870728, AA913664, BF371773, AI362847, AI625523, AA243783, BF875299, AW008550,

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HETJF10	665	864357	1 - 2037	15 - 2051	AUI23966, BF792749, BF037359, BF984791, AUI36685, AL041265, AUI33918, AV655687, AA029276, BE082643, BE883009, AW015848, BE549266, BE326761, AA436376, AI809197, W37315, AA449544, AW173125, AV687145, AA424456, BE737009, AI768591, AW052025, BF941513, AUI45073, BF724398, AA497127, AW197647, AA868251, BF880936, AW955407, AW959988, AA813941, BF432619, AUI55078, AA885319, BE973576, AI588927, AI376992, BF475344, AW629030, AI672284, AI083554, AA449110, BE463702, AI669820, AI023470, AV726963, AI042075, AI201848, BE934146, AI188925, AI500297, AA497050, AA236326, AI168273, N32425, AI375372, AW874582, AI188562, BF111377, AI761601, AI961121, AW088258, N56847, AI361549, AA236260, TS1928, AW771637, AI431458, AI097553, AI187005, AW183545, AI242321, AI141273, AA424411, AUI56591, AI142573, AW881125, AI032543, N56987, BF761828, BF762678, BF445609, AW236707, R51141, AI376513, R52093, W26719, AW009278, AA865899, AW469765, AV653982, AA424816, AUI36681, AW014014, BF516119, AI307295, R52187, AA931811, BF828274, Z45509, R21073, AA481309, AL041264, BF725099, H72731, BF761822, Z41201, AA808867, BF764776, R44838, AA992217, AA654910, BF760934, H72732, AI370687, AI183333, H44383, AA337239, AI095550, H80017, N47372, H39995, AW517839, W32303, H01128, AI914542, BE247185, AI221230, BG236418, R51033, R76738, AA365326, AI869591, AA364612, AA359636, W37830, AA319331, BF772808, H80018, R20023, TS1718, AI073556, R76399, AW118516, AA495856, AA778843, AA732874, AI906897, BF360540, AW393465, BF916387, AV708158, AA190535, AA906512, AI206962, BE840455, X93832, AUI18619, BF038985, AK023325, AP000533, AF147339, and AK021673.
HBAGJ74	666	864391	1 - 400	15 - 414	AA026609, AP001725, and AC023510.
HTSEJ85	667	864392	1 - 821	15 - 835	AUI23484, BG116908, BG116970, AUI20475, AUI134332, BG030923, BF345356, BG255249, BF685509, BF345482, T08102, AW008528, R23549, BE793684, BE675709, AI817029, Z46040, T78129, BF058320, AW673003, BE410393, AI971760, BF205217, BF732738, AUI131260, AA286944, BE386237, BF025953, BE390969, AL535162, AW166573, AK023162, and AC083864.
HKAKL77	668	864545	1 - 579	15 - 593	BF665670, BF967372, BF700126, BF701222, BF698599, AL519982, BF698090, BF980780, BF700291, AW960010, BF665302, AL523974, BF244116, BF670196, R64612, T65609, BF665033, BF792179, F11871, AA366080, T77162, T83570, N28835.

HCFBY67	669	864566	1 - 436	15 - 450	AA319227, AI184691, Z42686, N45593, BF686055, AW381572, N28565, AA279404, W47016, AI128983, AA995357, AL036932, AI681856, N85113, and AK001453. BF185265, AV753027, BG236401, AA430271, BF196848, W52443, AL522976, AI963267, H71660, N57270, BF568872, AW080093, H02975, AI184163, N41702, AA354805, AA835802, AA535338, AW021005, AW743200, W07198, AL522977, AA812397, R68940, BE728887, BF026265, W52721, AI423101, BF026624, AW003853, BE783839, AI372075, AI096511, BE205808, AA179520, BE902516, AA777020, AW276383, AA994803, N79712, AI870199, AI148872, AI870599, AI739030, AI341570, AW005668, AI149470, BE786718, AI217915, BE781883, AW276121, AW966996, AI129319, N29849, AA931248, AI954169, AW317040, AA210733, AI497942, AW188522, AA487802, BF002732, W15591, BE409428, AW7733109, AI209189, AW005839, T64613, W53036, AW192590, AV737406, AA618546, AI9222330, AW148966, BF088972, N78608, W53034, AA604432, AA147319, AI453762, N49620, AI184275, AI203618, BF377137, AI241159, AW084537, AA126052, AA772034, AA044614, T52871, AL527415, AA327444, T52870, AI186618, W52389, AA169341, BE298514, AI038856, AI689061, BG036611, AI431668, H71661, AA933756, AA157808, BE122663, AA507263, AI683964, AV744545, AA506581, AI695499, BF685464, W95393, BE409758, AI767053, AA974379, W51825, N46925, AI651851, AV714282, AA485898, H04271, T39215, BF819078, AA668960, AA069002, W95351, BE909812, AI244108, BF793711, AA533871, AA211574, BF846568, AW262814, AI745721, AV737011, BF128849, BE763802, AI963134, BF432351, T64472, AW292194, AI000753, R44489, AI370259, BF975750, AA773889, AI302087, BF818729, BE834116, AA725357, AA648372, BG166261, AA852625, R68829, N72236, AI093364, BE694506, AA973710, BE694500, AA860323, H87180, AI363886, AW732321, AI823549, BF103559, AV699847, N29434, AA782882, AA211628, AI626082, AW751585, AI810911, R76590, AI7553240, AI695727, AI356992, BE789511, T32276, Z20741, Z20720, Z20718, AI066799, AW206731, AV738162, Z20833, F20230, Z20853, BF312002, AA377649, AI371506, AW235059, AI913157, Z20826, BF345622, W31668, AA209497, AA195815, AV710593, AI420917, AI978781, AF077037, AX048198, AF144055, AF015947, A74967, A74946, A74944, A75042, A75063, and A75036. AL525170, BF527707, BF970711, BG025370, BE560905, BE382648, BE313171, BG254973, BG111049, BE779962, BG119109, AI530346, AW246354, BF207014, BE273342, BF315469, H17219, BE396506, AW881720, BE783929, AL047548, BF750956, BE812474, AW581642, BE261945, AW297013, BF677966, BE265009, BF111253, BE812468, AL522955, BF792135, AW296403, R25719, BF926891, H19385, T08867, AA861285, BE812501, AL522956, AA478552, BF344880, BG032567, AA450134, AW370482, BF081399, BF968412, T32904, BF315881, BF836642, BF965787.
HUCNL85	670	864609	1 - 1561	15 - 1575	

						BE263579, AW961984, M78952, BF155249, H74159, BE260421, BF528633, AI571182, BF745614, BF378564, BF834394, BE378518, BE266986, AL520270, BE019170, AW162719, BF528912, AI910269, BF871924, BF209274, BF916766, AI674610, AW248385, BE798545, AW364801, AL530345, AA339338, AW998305, BF855358, AW898111, BE793384, Z44979, AA478551, BF149362, BF961380, T91440, BF881646, AW961065, BF835315, BE763484, BF914437, R09913, AW793516, AX035941, AF084559, AF126799, AL050118, AC004228, AC004770, AF139813, AB021980, and AF126798.
HSDIW17	671	864772	1 - 870	15 - 884		BF976896, BF306663, AI264637, AV738974, AW440517, AV762213, AI289816, BF031831, BE297329, AA308065, BF028464, BF977733, AI087224, AI333981, F22528, BE856896, AI087291, AI042559, N32838, AA101212, BF033741, AA513003, AA127626, AA716353, AA121528, AI208270, W39584, AI024761, AI805206, W44935, BG165592, BF248189, AA448463, AI685445, AA677140, AA045311, BE548267, AI094396, AA932240, BF209337, AA062780, AA973273, AA112905, AA062735, AI911056, BF342886, AA082078, AI347381, AA045417, AV711883, AI832874, AI086794, AA431571, T96692, BG167528, AI890885, AA894627, AA304050, BG235942, AI248836, AA327793, AA302176, AW772595, AA302332, AI350909, T96809, AI283682, AI695634, N42284, AA074777, AI097092, AA704961, AA704993, T97458, BG112065, BF690856, R09226, T97730, BE788922, T97914, AA203274, BF977954, BF690772, AA083929, AV716951, AA331180, AA593102, BG099483, AI540890, AI541321, and AC017002.
HAPSD53	673	864818	1 - 1454	15 - 1468		AI885337, BF038430, AW058242, AW006171, AI683297, BG151539, BE900526, AW170637, AA521253, BE900229, BF435588, AI799163, BE390009, BE222102, BE902789, AI342474, AW269145, BE221483, AI492899, AI339032, BE468188, BF063174, AW403201, AI952141, AI424932, AI652894, BE706348, AA676913, AA846869, BE221137, AI347198, AA622621, AI735209, AW190339, AW204342, AI076551, AW872815, AI347177, BE388652, BG055242, AW964942, AA873834, AA769173, AI769023, T66106, AA936795, AI092935, H05338, R15751, AI147274, H16849, R78720, R48155, R17960, BF063794, AA181878, AA133531, AA889396, R16187, H16741, H21663, T56878, AI191180, F11930, C17879, R43450, AI671901, AA356873, AW593905, H21662, AW207476, AI984277, T56879, F09576, AA505782, AA620362, AA326039, AL531891, AW197945, BE792574, AW888968, AK022948, AC004780, and AC011520.
HAMFW6 6	674	864987	1 - 455	15 - 469		AA181631, AI903265, BF989794, AW297814, AA419387, BG105915, BE003461, AF271070, and AC016254.
HTJMU48	675	865019	1 - 1106	15 - 1120		AL530369, AL535061, AL533033, AL526905, BE733578, BF026569, BF966291, BE727875, BF981187, BF183255, BF967510, BE272946, BE615953, BF182678,

					BE616877, BE272973, BE616777, AW374089, BE615247, BE731063, BE384379, AI214031, AL532487, BE019121, BF983883, AI752151, AL523946, BE835633, AL138133, AW581413, BE241701, BF819501, BE617300, BG104797, BF798681, BE243315, BF358033, BF872811, BF229532, AW380906, BF983957, BF329587, BE872636, BE074050, BF795012, BE906347, BG115718, AW605408, BF988678, BG015701, BG121424, BF980469, AW371243, BF733190, BF230058, AW388721, AW608453, AW373057, BF738922, BF526571, BG253820, BF684157, AU076659, AF037339, D67067, AF037338, AC011489, and AB015172.
HAUAE93	676	865020	1 - 821	15 - 835	AL531509, AL514522, BF526571, BG253820, AL523946, BF684157, BF980469, BG121424, AL532487, BF983957, BE382434, BE886275, BF689553, BF689896, BF944761, BG115718, BF851425, BE743030, AW882041, BG104797, BE617300, BE794829, BF765343, BE940065, AW364990, BF808730, BF951584, AA076557, AI909328, BF947166, R86655, AW392303, BF983883, Z43259, R56493, BE938387, BF358033, AW581413, BE843795, BE933378, BE936805, AW886746, BE937970, AA005246, AW602670, W27475, AW365079, BE074050, T81955, T81959, BF822519, BF091955, BF799596, AA731294, AW663033, AI032686, AA102176, AL526869, AL535061, AL533032, AA767618, BE615953, BE616777, AI214031, AF037339, AF037338, AC011489, and D67067.
HAICK45	677	865026	1 - 2683	15 - 2697	AUI24026, AI25556, BE783093, BE795410, BG250051, BE783631, BE670928, AW294122, BE006510, BF110609, BE777779, AI133682, BE893801, BF816694, AI681449, BF815559, AI697810, AW752626, AW364876, AUI23379, AW245308, AI768205, BF816059, AW953830, AUI54731, BF438408, AI954608, AA608681, AI478604, AI094173, AW953829, BF195855, BF062831, AW166233, N35935, BE858085, AI338928, AUI49190, AW959434, AA582845, AI989985, BF887251, AI633899, AI141852, AW269352, AI926632, AW996354, AA640311, AA278230, AI206195, AI270670, AI360878, F20547, AI337068, N67886, N67901, AI378580, AI621188, W95887, N24059, AW167800, AA830972, BF433869, AA213727, BF431102, AI494190, H77549, BF063492, AA071400, H82545, AI752077, T69890, AA689415, AA976754, BF815137, BF935062, AA774596, H78187, AA213435, N58007, AA652125, AI568847, AW080567, AI752076, AA630655, AA301148, R25524, R00427, H77550, T80885, AW630520, AI825340, W95761, AI217218, T70218, C04730, AA301050, R00428, R40274, AV652368, AI918621, R45585, AW974417, C00681, AA369698, T85808, BE792924, AA251346, R14323, R41093, T70308, AA278724, AA369697, AI079843, AW581898, AI557924, BE720138, BF376223, AI923602, AI908753, AW369639, AW369630, BE671925, AW351436, R28905, AI445617, AB002299, AI096678, and AK027048.
HBKJ139	678	865163	1 - 720	15 - 734	AV763790, BG035095, BF311394, BE866107, AV710161, BF213450, BF033854,

					BF027535, BE560230, BE905264, BE612736, BF676342, BF212353, BG165664, AI131355, BE263142, AV763738, AA292974, AI557218, BF968040, BE384654, BE906893, AI090743, BE314436, N27721, AA557194, BE563017, AI804348, AA631848, AI146318, BE730034, AI539429, BE909983, BG236215, AW005799, AV733534, AA233902, AV682591, AI363335, AI082444, AI096906, AI422717, AA743800, AW136326, AI347590, AI087101, BF222827, AI022687, AW274996, BE550312, AA211343, AA211344, AI359155, AI333899, AA771974, AI343807, BF216279, N40054, AI142815, AI924652, AA436038, AA732876, AA810604, W25483, BF382936, C17967, H43647, H44711, T47061, AI547066, AA810608, AA299376, W19321, AI191094, AI219430, AA327206, AA234130, AW820573, AI525325, AA339885, BE267639, AA515856, T78524, AA729144, AA781701, AI247706, BE832365, AI350950, AA344641, AA193664, AI184429, AI583130, C00003, AI334371, N93495, AW204078, AA705561, BF697461, AA626270, AW874644, BG152857, BE833515, AI540527, AI351930, AI278552, AI002507, AV742655, AW867230, AA435940, AA383605, AA398308, AA983731, BF031257, AA625778, BF246352, BF034079, BF081420, AI696588, AA551930, AA732937, AD000671, AF220053, AI133047, and AK027172.
HAGHY26	679	865168	1 - 2014	15 - 2028	BF673779, AW188040, AI221736, W87563, N93749, AW236556, BE552284, HI0565, W87467, H23069, AA699314, Z43772, AA693810, AI918675, H24347, Z39835, AI184773, AA972788, AW594645, and HI0362.
HCLSI87	680	865172	1 - 625	15 - 639	BE048233, and AK024569.
HIBAQ50	681	865176	1 - 1849	15 - 1863	AI118982, AA394289, AA527127, R53332, BF593175, F11356, AA412141, R21019, T78686, R35190, R24849, T80400, Z43686, AW303583, Z46003, M78951, AA355887, AI621051, R50850, AI933711, AA888981, AI825042, R53937, BF741667, R39312, BF224101, R46134, AI302700, N51360, T17357, AI651758, and AB002297.
HTELJ31	682	865259	1 - 904	15 - 918	BE738225, AI535280, BG026763, AI885366, BE645606, AI302161, BF593751, AA242838, BF342857, AA446910, AA411760, BF244385, AW070321, AI814097, AI921187, AA447031, BF940067, AI493864, AA773130, AA496344, AI969151, AI371862, AI339154, AI253169, AI037935, AW510547, AA496393, AI122549, AI911375, AW249456, AI336467, AW263815, AW341480, AI055846, AI524628, AW136484, AW168421, AW248489, AA725305, AI333083, AA889590, AI884966, AW003871, AA733005, AW026126, AA534067, AA242738, AA279341, AW131306, BF594234, AW471456, BF196531, AA079369, AW466944, AW955701, AI311396, AA079368, R80506, AW519278, AI040818, AI269710, AA854533, AA196585, H72443, AA779210, T61615, AI374705, R80400, AA931193, AW197539, AA187141, AW893379, BE617112, AW191890, AW072109, T49445, AA406574, BE297346, AA443221, BF993721, AI302163, AJ278548, R01059, BF447381, AI032463, H59814, AI016223, AI968752, AW136446, AI015349, BE907334, H72353, T57782, R67486, R66343, R01784,

					<p>A/W028501, A1869858, AA808976, AW572970, R66344, BE939729, A1038868, BF208092, AA338656, A1765860, BE788665, A1360100, R64309, AA583681, W25681, W02509, AA364871, T49446, BE617709, H59813, T82342, BE018166, A1419652, A1913490, R64310, BF246735, BF027486, AW972868, AA502662, AA523713, BE542590, BE408723, AV682906, BE384573, AW247397, BE276659, BE294408, AA837015, A1352514, A1382912, AW020397, A18635907, A1281867, A1811603, AW953965, A1697236, AW959800, AW169684, A1288076, AW130088, BF725868, AA825548, A1590860, AW168503, AW192701, AW073956, A1538850, A1473208, AW169383, AW087813, AA829930, N36182, AW083572, A1056328, AW001850, A1373276, A1823719, A1811644, A1584130, AW264411, A1242859, A1133637, AF254119, A1137555, SS3987, U55017, X67688, E01963, A1133113, A1080163, AC020549, S77771, U80919, X87724, AF314091, A1049324, AK025356, AF116698, AF118070, M85165, A1157431, A1389951, AK024545, A1162083, AF057300, AF057299, AR068466, AX015915, AF000301, A1133014, A15345, A1049300, A1133557, AB047941, X52128, AF161413, A1137276, A1353999, AB048964, AF116639, AK000449, AK026591, AF082526, AF116614, U90884, B12580, AK027221, AK027160, AX046753, S73498, AB033881, AF061573, AF192401, and AF192402.</p>
HPJBE61	683	865275	1 - 1109	15 - 1123	<p>AL530596, AL530595, BF980986, BE748707, BF127552, AA402192, AA291615, AA652443, AA292475, AA830063, A1270545, A1928523, AA866174, AA461524, AA477033, AW298514, AA778558, A1500380, AW955121, BF842518, BE539361, AA293673, AA768790, BF843066, AA402823, AA312083, N95468, BE889325, A1205571, A1198576, W74354, BF084989, AA770325, BE077353, W76549, A1826564, AA764941, A1749672, A1262451, BF817239, AA236730, BF817243, BF817326, AA460596, AW189630, BF696893, W25208, AA220212, AW952409, AV703593, AV703222, AV648263, AV652027, AV708723, AV729263, AV726520, AV651700, AW949795, AW951214, AW955613, AV696106, AW951263, AV689111, AV728157, AV692345, AV708893, AV659536, AV706219, AV707541, AV704637, AV726624, AV709604, AV704955, AV652156, AV658332, AV701707, AV727799, AV705693, AV726784, AV703159, AV708704, AV702427, A1557254, Y11505, and U38894.</p>
HLTCU22	684	865293	1 - 717	15 - 731	<p>AU131397, AV709023, AV649313, AA446793, H73097, AV649514, A1525507, H86748, R14393, F07747, BG236449, N45507, BE857570, AW818138, AA255828, AA255827, BF763365, AK023169, AF169974, A1450226, A1137039, and AF148321.</p>
HE8DZ49	685	865322	1 - 1554	15 - 1568	<p>BG141332, BG115975, AW402616, BF129128, AA487951, AV753264, BF934693, AA383094, BF570933, T80138, AA235941, AA322684, BF917289, AA985393, AA322021, BF741689, R05721, AA031936, BF850739, AA481880, A1640322, BF898592, BF898584, AV723818, AV701066, R13275, AW961883, BF830023, AV725961, AW370906, AW517885, AB018339, AF043290, AF281869, AF281870, and A1078582.</p>

HEGAC86	686	865369	1 - 885	15 - 899	BE467539, AA524412, A742825, AW268891, A1588931, A1459294, BE895437, A1765671, AA725573, AA429631, BE326464, A1417654, BF4448278, BF447896, A1253095, AW073496, AW023725, A1167959, AW103495, AW969533, A1093855, AW268823, A1337559, A1653983, R96969, AA570087, A1263434, BF883014, AV692191, A1045163, AA910889, BF883015, R70192, A1689914, H58753, AA939009, R96914, N51672, AA256181, N73098, A1431926, AA091662, AA894430, AA429632, AW959946, AK026041, and AC010289.
HOUDS89	687	866090	1 - 987	15 - 1001	A1083899, BE275761, AW207384, AW136129, A1927645, BE673962, A1659080, A1569753, A1197768, BF445510, BF438389, AA973894, A1917444, A1363893, BF115804, BE727723, AA865863, AA931590, BF027101, A1032339, A1032343, A1571304, A1371819, BF515519, AW298035, BF513595, BF513048, and A1039911.
HCEVF41	688	866297	1 - 1142	15 - 1156	BE910478, BE261639, BF308306, AW249090, BF246849, H09414, H18721, A1394026, R11726, AA025081, AW248655, BF742266, BF246058, H46443, AA055061, H29433, A1534131, BE019085, BF207033, AA293722, A1094911, AA627408, AA631985, A1971919, BF940419, AW028826, BF436716, BF732259, AW055123, A1094408, BE258822, AW051497, AA327540, AL041348, AW955452, A1338005, A1245937, Y17801, Y17802, A1245935, AB033418, AF232061, and A1245936.
HPWBO25	689	866302	1 - 681	15 - 695	A1557762.
HSKNJ56	690	866374	1 - 580	15 - 594	AU117035, T27082, BF751939, BE843418, W85798, R35500, AW895204, BF878078, R18150, AW863634, W81641, AK021448, AK002198, and AL121926.
HSSKF43	691	866388	1 - 1282	15 - 1296	BE786334, AW474547, BF001686, A1830378, BF196489, BF242919, AW474497, BE540110, AW474534, BE932149, AW044135, T26672, AV721244, R39421, R39406, Z40760, AA248329, BF970155, BE253241, AW518599, BE843437, H88189, AW514672, BF512997, A1902631, A1902632, BF679380, AA229293, AW189301, BG168549, AW089275, A1358701, A1801152, BG113385, A1613436, BF061283, BE887488, AW827106, AW262983, A1363957, BG104820, BE886728, A1439717, BF970449, A1039086, AW129929, AW020693, BG251478, AW023590, A1382670, A1524780, BF061286, BF970768, A1431424, BG166654, A1890507, A1955906, BG251110, AW105601, A1471361, A1799183, BF904265, AV729439, A1700159, BF854113, AW302992, BE910373, A1690748, AW269097, AW152469, AV708004, AA983883, AW089572, A1475134, A1349957, AL120700, AW072719, BF680133, A1911648, A1336495, A1345005, A1632997, AW029197, BF884999, AW268253, BG033723, AW090539, BF527014, A1866798, BE964078, AL119863, BG163618, BG001235, A1933589, A1611348, A1309401, AW149925, AW020419, A1345608, AV757943, A1811785, AW268302, BF726348, BE877295, F27438, A1567612, AW301300, A1433384, AW075207, A1343037, A1648684, A1345735, A1280747, A1627604, AL036980, AV717234, BE138712, AA291456, AV757343, A1917963, A1500659, A1254597.